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AUTHOR Fuller, Carol H.
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ABSTRACT

Data from a study of the undergraduate origins of Ph.D.s are presented. Baccalaureate origins of doctorate recipients were analyzed for total and proportional productivity for each of the U.S. institutions whose graduates between 1970 and 1982 had earned at least one doctorate between 1970 and 1986. The numbers of baccalaureate degrees for men and women from each institution were obtained for the years 1970-1982, and the total numbers of doctorates earned by the graduates were gathered. Groupings of disciplines were used in organizing doctoral data: humanities (history, English and American language and literature, foreign languages and literature, and other humanities); math and physical sciences (mathematics, computer sciences, physics and astronomy, chemistry, and earth, atmospheric and marine sciences); life sciences (biosciences, health sciences, and agricultural sciences); and social sciences (psychology, economics, sociology and anthropology, political science and international relations, and other social sciences). Analysis shows that (1) leading baccalaureate sources, based on proportional productivity, include private and public institutions, each of the major Carnegie Commission classes, and a wide range of selectivity levels; (2) women's colleges, as a group, are more productive than coeducational institutions in the humanities and in the science fields (except engineering); and (3) those coeducational institutions that are significant sources of doctorates earned by women include several of the formerly all-male institutions. Contains 19 references. (SM)

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# UNDERGRADUATE ORIGINS OF WOMEN AND MEN 1970-1982 GRADUATES WHO RECEIVED DOCTORATES BETWEEN 1970-1986

Carol H. Fuller
Research Associate
Great Lakes Colleges Association

Prepared for the Ford Foundation
July 1989

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# UNDERGRADUATE ORIGINS OF WOMEN AND MEN 1970-1982 GRADUATES WHO RECEIVED DOCTORATES BETWEEN 1970-1986

The baccalaureate origin of doctorates has been a topic of interest for a long time. The National Research Council (of the Academy of Sciences) has collected data since 1920 on the numbers of graduates of each institution who have gone on to complete a doctoral degree. Institutions have been compared both for their absolute numbers of graduates who have obtained doctorates and for the proportions of their graduates who have obtained doctorates. The results of these comparisons have been used as one measure of the effectiveness of undergraduate education in providing an academic environment which enables and encourages students to pursue advanced degrees. This information is of particular concern because of the expectation that by the mid-1990s the United States will face increasing shortages of individuals with doctoral degrees, prepared to fill research and teaching positions in colleges, universities, and research organizations. The undergraduate years are clearly a crucial time of decision and preparation for students to pursue a doctoral degree. Understanding which institutions have been most successful in attracting capable students and then preparing and encouraging those students to pursue advanced degrees may provide insight into which kinds of programs would be effective in increasing the numbers of individuals choosing to pursue advanced degrees.

Several attempts have been made to determine why certain institutions or types of institutions have been relatively more productive of doctorates than others. Knapp and Goodrich (1952) suggested that the higher productivity of the small liberal arts colleges that they found in their study of doctorates earned 1924-1934 was a function of the intellectual ability of the students and their "vocational inclinations." They concluded, however, that "the importance of the human qualities of the individual teacher stands as a foremost factor in influencing the student to the pursuit of science," (p. 296). Thistlethwaite (1959) calculated productivity rates for doctorates earned in 1950-1956. Of the institutional characteristics evaluated, coeducation was the most closely related to productivity. Certain faculty behaviors were found to be important in "stimulating or inhibiting intellectual achievement," (p. 76).

Holland (1957) and Astin (1962) concluded that differences in doctoral productivity more likely are due to the differences in the characteristics of the students ("input variables") than to the effects of the institutions. Astin suggested that, while institutions do not differ in stimulating or inhibiting higher academic achievement, within an institution the individual experiences of particular students probably have an effect in encouraging or inhibiting the student from seeking to attain a doctoral degree.

Particular institutions may be more likely to provide these motivating or inhibiting experiences, although perhaps only for some of their students. If an institution attracts a relatively large number of capable students with appropriate "vocational inclinations" and exposes them to these motivating experiences--or at least does not expose them to inhibiting experiences--then that institution would be more likely to have larger numbers of its graduates attain a doctoral degree. It is, of course, not possible to argue that because an institution's graduates achieve doctoral degrees at a high rate, the characteristics of the institution caused this achievement.

While the issue of input versus institutional effects has not been resolved, recent studies have found different doctoral productivity rates for different types of institutions. In addition, it has been demonstrated that the pattern of productivity rates is not the same for men and for women (Tidball, 1986; Coyle, 1986; Fuller, 1987) and differs for racial/ethnic groups (Coyle, 1986; Fuller, 1989). Tidball (1986) investigated the productivity of 288 institutions for doctorates earned in the natural sciences by men and women who graduated between 1970-1979. She reported that colleges were more productive than universities, and private institutions were more productive than public colleges and universities. She reported that "private liberal arts colleges continue to be a predominant undergraduate source of natural science doctorates for both women and men," (p. 618). The most productive institutions for women were the women's colleges. Tidball found a strong relationship between the productivity rate for women and the number of women among the faculty of the baccalaureate institution. She concluded that "elements of the academic environment not only affect student outcomes but affect women and men differently," (p. 618).

Coyle (1986) computed the doctoral productivity of doctorates earned in 1984 based on the number of baccalaureates granted by each institution in 1974. She compared public and private institutions, and groups based on the Carnegie Classification (Carnegie Commission, 1976): Research I, "Other Doctorate-Granting," Comprehensive, and Liberal Arts (including both Liberal Arts I and Liberal Arts II colleges). The leading 30 sources in productivity rates were all private: 8 Research I, 3 Other Doctorate-Granting, 17 Liberal Arts colleges, 1 Comprehensive and 1 Specialized institution. The private Research I institutions had the highest rate of the groups followed by the private Other Doctorate-Granting, public Research I, and the private Liberal Arts institutions. She also reported differences in the baccalaureate sources of doctorates earned by men and by women. There were only 11 institutions which appeared among both the top 30 baccalaureate sources for men and among the top 30 sources for women doctorates. The leading institutions for women included more Research I and Other Doctorate-Granting institutions, and fewer Liberal Arts colleges than did the leading institutions for men. The private institutions were predominant for Asians, for Whites, and for Blacks, but the leading institutions for Hispanics included more public than private institutions. Comprehensive universities were more often represented among

the leading baccalaureate sources for doctorates earned by Blacks and by Hispanics than by Asians or by Whites.

Fuller (1987) computed productivity rates for men and for women for doctorates awarded in the humanities, life, social, and empirical science, and for all-fields for doctorates earned 1961-1980. The data for all-fields were also combined for men and women. The leading institutions for men, for women, and for men and women combined were identified. Of the 61 leading institutions for men, 9 were not on the combined list, whereas of the 61 leading institutions for women, 22 were not on the combined list. There were 129 institutions ranked in the top 5% in one or more of the fields for women, and 146 institutions ranked in the top 5% in one or more of the fields for men. There were 72 which appeared on at least one of the field lists both for men and for women.

The doctorates earned by the 1975-1982 baccalaureate recipients were analyzed by Fuller (1989a) for men and for women for each of five racial/ethnic groups: American Indians, Asians, Blacks, Hispanics, and Whites. These data were combined for men and for women for an analysis by Carnegie classification and by level of selectivity (Fuller, 1989b). The institutions identified as leading baccalaureate sources were not the same for the racial/ethnic groups and productivity rates for each of the institutional types varied for the racial/ethnic groups. Of the 104 institutions ranked among the most highly productive for men in one or more of the minority groups, 11 were ranked for Asians, for Blacks and for Hispanics. Of the 61 institutions ranked among the most highly productive for women in one or more of the minority groups, only two were on the lists for Asians, for Blacks and for Hispanics (Fuller, 1989a).

## METHODOLOGY

The baccalaureate origins of doctorate recipients were analyzed for both the total and the proportional productivity for each of the U.S. institutions whose graduates between 1970 and 1982 had earned at least one doctorate between 1970 and 1986.

The total numbers of doctorates earned by the 1970-1982 graduates of each institution were divided by the total numbers of baccalaureates for that institution for the years 1970-1982. This methodology was originally used by Tidball (1986). It provides the advantage of precision in identifying the years for the undergraduate experiences leading to later doctorate attainment. It does not provide the "final story" for this baccalaureate group in that many individuals who received their undergraduate degrees between 1970 and 1982, who will eventually receive a doctorate, had not done so by 1986.

The total number of baccalaureate degrees for men and for women from each institution were obtained from the Department of Education for each of the years 1970-1982. The total number of doctorates earned by the graduates of each institution were provided by the National Research Council. These data were obtained by the National Research Council from questionnaires filled in by the doctoral recipients when they completed their degrees.

The groupings of disciplines are those used by the Academy in organizing doctoral data. The field of Humanities includes History, English and American Language and Literature, Foreign Languages and Literature, and "Other" Humanities. Math and Physical Science includes Mathematics, Computer Sciences, Physics and Astronomy, Chemistry, and Earth, Atmospheric and Marine Sciences. Life Science includes Biosciences, Health Sciences, and Agricultural Sciences. Social Science includes Psychology, Economics, Anthropology and Sociology, Political Science and International Relations, and "Other" Social Sciences. All Fields includes Humanities, the Science Fields (Engineering, Math and Physical, Life, and Social), Education, Professional Fields and "Other" fields.

## DISTRIBUTIONS

Table 1 summarizes the numbers of doctorates earned by the 1970-82 graduates in each of the major field groups. Since there is variation across fields in the average baccalaureate-doctorate time (Coyle, 1987), these data were compared with the totals for doctorates earned between 1977 and 1986--for any year of baccalaureate (Tables 1 and 2). The proportion of the doctorates earned by men and by women in each of the fields is comparable for the two groups of doctorates. However, the proportions across the fields are different. The doctorates earned by the 1970-82 graduates were concentrated more in the science fields (71% vs. 56%) and less in the humanities (11% vs. 13%), and much less in education (14% vs. 25%) reflecting the longer time lag between baccalaureate and doctorate for those two fields compared to the science fields.

The proportion of the doctorates earned by women has changed over time. Between 1900 and 1929 the proportion of doctorates earned by women increased from 8.8 to 15.4, then declined between 1929 and 1954 from 15.4 to 9.4 (Harmon, 1978). It has increased since then, reaching 35% of the doctorates earned in 1986 and 1987 (Coyle, 1987, 1989). Doctorates earned by women tend to be concentrated more in social sciences, humanities and in education than the doctorates earned by men which are more heavily concentrated in math-physical sciences and engineering (Table 1 and Coyle, 1989). In each of the fields there were a greater number of doctorates earned by men than by women (Table 1). The difference between the total number of doctorates earned by men and by women was greatest for engineering and math-physical science and least for education.

(These data for total numbers of doctorates include data reported for 131 institutions for which there were no corresponding baccalaureate data. These apparent reporting errors account for 209 doctorates for men and 96 for women).

There were 1622 institutions whose 1970-82 graduates had earned at least one doctorate by 1986. There were 1476 institutions whose 1970-1982 men graduates had earned at least one doctorate by 1986, and 1337 institutions whose 1970-1982 women graduates had earned at least one doctorate by 1986.

## INSTITUTIONAL PRODUCTIVITY

The leading institutions (top 5%) were identified for each of the doctoral fields, both for total numbers of doctorates (Tables 19-26) and for the ratio between the total number of doctorates and the number of graduates for each institution (Tables 3-10).

The institutions ranked highly for total doctorate productivity (Tables 19-26) included both very large institutions (such as Pennsylvania State U. with an average of 7123 graduates), as well as very small ones (such as Haverford with an average of 194 graduates and Harvey Mudd with an average of 85 graduates).

Those institutions with the same value are listed in alphabetical order. For institutions with more than one campus, those named refer to the main campus only, unless otherwise noted. To avoid spuriously high ratios based on extremely small total numbers, the ranked lists for ratios include only those institutions whose graduates had earned at least 6 doctorates in the ranked field.

Since the doctoral degree data combined for men and women can be expected primarily to reflect the numbers and patterns of doctorates earned by men, especially in the physical sciences and engineering, in order to identify those institutions with relatively high proportions of their women graduates who have earned doctorates, the undergraduate institutions were ranked by their doctorate/baccalaureate ratio for women only. Those data are presented in Appendix B.

Several institutions appear on the lists of leading institutions for all-science (Table 10) and/or for all-fields (Table 3) due to their high ratio for only one field. Therefore, the leading institutions across the science fields were alternatively identified as those appearing on the math-physical, life, and social science lists. There were 36 institutions which were included on all three lists (Table 11). Table 12 includes the 16 institutions appearing on each of the lists for math-physical, life and social science, and also on the list for engineering.

Similarly, the leading institutions across all the doctoral fields can be defined alternatively as those which appear on each of the separate lists. Table 13 identifies the 27 institutions which were ranked highly for math-physical, life, and social science and also for the humanities.

Only the University of Rochester was ranked in the top 5% for all of the fields--math-physical, life, and social science, humanities, education and engineering. There were ten institutions which were ranked highly for math-physical, life, and social science, humanities, and engineering: Brown, University of California at San Diego, Haverford, Kalamazoo, Princeton, Rice, Rochester, Stanford, Swarthmore, and Yale. Only three institutions appeared on each of the lists for the humanities, education, math-physical, life and social science: Brandeis, Oberlin, and Rochester.

## INSTITUTIONAL TYPES

The lists of the leading institutions are dominated by private Research I and Liberal Arts I institutions. These institutions are, in Coyle's term, clearly "over-represented." In the 1976 Carnegie Commission classification, Private Liberal Arts I colleges constituted only 6% of all four year institutions; Private Research I universities were only 1% of all four year institutions. Only 3% of the 1970-1982 baccalaureate degrees were awarded by Liberal Arts I colleges, but their graduates earned 9% of all doctorates; Research I universities awarded only 3% of 1970-1982 baccalaureates, while their graduates earned 10% of the doctorates earned by the 1970-1982 graduates.

The all-fields list includes 67 private and 8 public institutions. Of the 67 private institutions, 39 were classified as Liberal Arts I colleges and 15 were classified as Research I universities. Of the 16 institutions which were included on each of the science lists and on the engineering list, 14 were private: 7 Research I, and 3 Liberal Arts I. Of the 36 on the math-physical, life, and social science lists, 31 were private: 17 Liberal Arts I and 9 Research I. There were 24 private and 3 public institutions included on the math-physical, life, and social science lists and also on the humanities list, 15 of which were classified as Liberal Arts I and 6 as Research I. Nine of the ten institutions included on all four of the science lists as well as humanities were private, 5 of which were classified as Research I, and 2 of which were classified as Liberal Arts I.

It is important to note that each of the major Carnegie classes is represented among the leading institutions (Tables 3-10). There were 243 institutions included on at least one of the fields: 192 of them were private. The private institutions included 77 Liberal Arts I colleges, 38 Liberal Arts II colleges, and 16 Research I universities.

To further investigate the relationship between doctoral productivity and institutional type, doctorate/baccalaureate ratios were computed for all of the institutions within each of the major Carnegie classes (Tables 14-17). Overall, the private institutions were more productive than the public institutions. Among the private institutions the Research I universities were the most productive followed by the Liberal Arts I colleges. This pattern was found for each of the fields except engineering and education--there was very little difference in ratios for the different groups in education. These patterns were found to be consistent both for men and for women.

Women's colleges have been of particular interest as a group (Tidball, 1986; Coyle, 1986; Fuller 1987) for their doctoral productivity. Women's colleges (defined by their status in 1976) were compared to coeducational colleges. (The status of certain co-ordinate colleges has been ambiguous; for these analyses, Radcliffe is included among the women's colleges.) The doctorate/baccalaureate ratio was higher for the women's colleges than for the coeducational institutions in each field except education and engineering. In the mathematics-physical, life and social sciences, the ratios for women's colleges were about twice as high as those for coeducational institutions--and they were three times as high in the humanities. There was no difference between the women's colleges and the coeducational institutions in the fields of education or engineering (see Appendix B, Table B-9).

## INSTITUTIONAL SELECTIVITY

A major "input variable" is the selectivity of the institution. An institution's doctoral productivity rate can be expected to reflect the academic aptitude of its students. For these analyses selectivity was defined as the average SAT/ACT score for the entering freshmen (Sources: American Universities and Colleges, Lovejoy, Barron's, NY Times Guide, College Blue Book). SAT scores were converted to ACT equivalents (using the NY Times Guide scales). The leading institutions represent a very wide range of SAT averages (from 14 to 31).

Table 18 summarizes the doctorate/baccalaureate ratios for each field for each of seven levels of selectivity. The ratios for each field increased with increased scores except for education which was about the same for each level of selectivity. This was consistent for men and for women for each field except education. The flat distribution for the combined data results from opposite trends for men and for women. For women the ratios for education increased with increasing average ACT scores. For men, however, the highest ratios for education were observed for the institutions with lower average ACT scores.

## SUMMARY

The leading institutions were identified both for total and proportional doctoral productivity. While the lists for absolute numbers of doctorates earned by their graduates are dominated by the very large universities, several small institutions also appear.

The lists of leading baccalaureate sources, based on proportional productivity, include private and public institutions, a wide range of selectivity levels, and each of the major Carnegie Commission classes. However, the private institutions continue to be more productive than the public institutions, and more selective institutions are more productive. (These are not unrelated.) The private Research I universities and the Liberal Arts I colleges continue to dominate the lists of leading sources, and, as a group, are the most productive.

Women's colleges, as a group, are more productive than coeducational institutions in the humanities and in the science fields--with the exception of engineering (the two groups are equally productive in engineering and in education). Those coeducational institutions which are significant sources of doctorates earned by women include several of the formerly all-male institutions (such as Princeton, Williams, and Yale).

As shortages of scientists and scholars prompt the creation and expansion of programs to encourage more undergraduates to pursue doctoral studies, it is useful to know which types of institutions (and even which individual institutions) are already the most productive sources of future doctorates. Further, given the continuing differences in the rates of doctoral achievement among various racial and ethnic groups, and between men and women within each of those groups, the new information of this report about the different patterns of undergraduate experience for those who do earn doctorates will be useful in focusing attention on still underrepresented groups.

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TABLE 1

TOTAL NUMBER OF DOCTORATES EARNED 1970-1986
BY 1970-82 GRADUATES OF ALL U.S. INSTITUTIONS

| | ALL FIELDS | HUMANITIES | EDUCATION | ALL SCIENCE | ENGINEERING | MATH-PHYSICAL SCIENCE | LIFE SCIENCE | SOCIAL SCIENCE | PROF. FIELDS | OTHER |
|---|---|---|---|---|---|---|---|---|---|---|
| MEN | 114,836 | 10,810 | 11,631 | 87,672 | 11,253 | 25,676 | 27,585 | 23,158 | 4,644 | 79 |
| WOMEN | 47,448 | 6,875 | 10,287 | 28,152 | 668 | 3,754 | 10,226 | 13,504 | 2,104 | 30 |
| TOTAL | 162,284 | 17,685 | 21,918 | 115,824 | 11,921 | 29,430 | 37,811 | 36,662 | 6,748 | 109 |

TABLE 2

TOTAL NUMBER OF DOCTORATES EARNED 1977-86
BY GRADUATES OF ALL U.S. INSTITUTIONS
(ANY YEAR OF BACCALAUREATE)

| | ALL FIELDS | HUMANITIES | EDUCATION | ALL SCIENCE | ENGINEERING | MATH-PHYSICAL SCIENCE | LIFE SCIENCE | SOCIAL SCIENCE | PROF. FIELDS | OTHER |
|---|---|---|---|---|---|---|---|---|---|---|
| MEN | 167,539 | 19,619 | 33,880 | 104,324 | 13,326 | 28,185 | 31,559 | 31,254 | 9,601 | 115 |
| WOMEN | 86,636 | 13,868 | 30,650 | 37,714 | 768 | 4,298 | 13,131 | 19,517 | 4,338 | 66 |
| TOTAL | 254,175 | 33,487 | 64,530 | 142,038 | 14,094 | 32,483 | 44,690 | 50,771 | 13,939 | 181 |

TABLE 3
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 29.55 | 670 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 19.73 | 219 | HARVEY MUDD C. CA |
| 3 | 14.26 | 1958 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 11.43 | 745 | U. OF CHICAGO IL |
| 5 | 11.24 | 302 | REED C. OR |
| 6 | 10.03 | 370 | SWARTHMORE C. PA |
| 7 | 9.19 | 225 | HAVERFORD C. PA |
| 8 | 8.49 | 343 | POMONA C. CA |
| 9 | 8.15 | 369 | CARLETON C. MN |
| 10 | 8.13 | 656 | OBERLIN C. OH |
| 11 | 7.86 | 1616 | HARVARD-RADCLIFFE MA |
| 12 | 7.84 | 987 | PRINCETON U. NJ |
| 13 | 7.47 | 202 | BRYN MAWR C. PA |
| 14 | 7.21 | 567 | RICE U. TX |
| 15 | 6.79 | 1068 | YALE U. CT |
| 16 | 6.33 | 216 | KALAMAZOO C. MI |
| 17 | 6.31 | 509 | BRANDEIS U. MA |
| 18 | 6.25 | 932 | BROWN U. RI |
| 19 | 6.24 | 840 | U. OF CALIFORNIA-SAN DIEGO |
| 20 | 6.18 | 561 | JOHNS HOPKINS U. MD |
| 21 | 6.15 | 364 | WESLEYAN U. CT |

TABLE 3
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 22 | 6.07 | 847 | U. OF ROCHESTER NY |
| 23 | 6.02 | 261 | AMHERST C. MA |
| 24 | 5.84 | 616 | CASE WESTERN RESERVE U. OH |
| | 5.84 | 204 | GRINNELL C. IA |
| 26 | 5.58 | 1200 | STANFORD U. CA |
| 27 | 5.49 | 632 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 28 | 5.43 | 194 | DAVIDSON C. NC |
| 29 | 5.34 | 1967 | CORNELL U. NY |
| 30 | 5.32 | 850 | COLUMBIA U. NY [ALL DIV.EXCEPT BARNARD] |
| 31 | 5.21 | 336 | BARNARD C. NY |
| | 5.21 | 326 | WELLESLEY C. MA |
| 33 | 4.71 | 136 | EARLHAM C. IN |
| 34 | 4.70 | 251 | WILLIAMS C. MA |
| | 4.70 | 72 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 36 | 4.66 | 540 | U. OF CALIFORNIA-RIVERSIDE |
| 37 | 4.62 | 202 | MACALESTER C. MN |
| | 4.62 | 177 | BOWDOIN C. ME |
| 39 | 4.60 | 127 | COOPER UNION NY |
| 40 | 4.52 | 612 | U. OF CALIFORNIA-SANTA CRUZ |
| 41 | 4.49 | 160 | LAWRENCE U. WI |

TABLE 3
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 42 | 4.46 | 410 | CARNEGIE-MELLON U. PA |
| 43 | 4.45 | 274 | MOUNT HOLYOKE C. MA |
| 44 | 4.40 | 776 | DUKE U. NC |
| 45 | 4.38 | 102 | ECKERD C. FL |
| 46 | 4.37 | 158 | BELOIT C. WI |
| 47 | 4.36 | 288 | VASSAR C. NY |
| | 4.36 | 97 | HAMPSHIRE C. MA |
| | 4.36 | 96 | WABASH C. IN |
| 50 | 4.35 | 1026 | SUNY U. AT STONY BROOK |
| 51 | 4.27 | 213 | OCCIDENTAL C. CA |
| 52 | 4.24 | 276 | CLARK U. MA |
| 53 | 4.22 | 337 | SMITH C. MA |
| 54 | 4.21 | 366 | BUCKNELL U. PA |
| 55 | 4.08 | 479 | DARTMOUTH C. NH |
| 56 | 4.05 | 205 | C. OF WOOSTER OH |
| 57 | 4.04 | 57 | JUILLIARD SCHOOL NY |
| 58 | 4.03 | 240 | FRANKLIN & MARSHALL C. PA |
| 59 | 3.99 | 151 | KENYON C. OH |
| 60 | 3.98 | 138 | STEVENS INSTITUTE OF TECHNOLOGY NJ |
| 61 | 3.94 | 147 | BATES C. ME |
| | 3.94 | 134 | KNOX C. IL |

TABLE 3
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 63 | 3.89 | 34 | ST. JOHN'S C. MD |
| 64 | 3.78 | 1035 | U. OF PENNSYLVANIA |
| | 3.78 | 466 | C. OF WILLIAM & MARY VA |
| 66 | 3.70 | 2577 | U. OF CALIFORNIA-BERKELEY |
| 67 | 3.67 | 167 | HAMILTON C. NY |
| | 3.67 | 19 | MARLBORO C. VT |
| 69 | 3.66 | 83 | MILLSAPS C. MS |
| 70 | 3.60 | 184 | TRINITY C. CT |
| | 3.60 | 98 | SARAH LAWRENCE C. NY |
| 72 | 3.55 | 775 | NORTHWESTERN U. IL |
| 73 | 3.54 | 526 | WASHINGTON U. MO |
| 74 | 3.53 | 614 | U. OF CALIFORNIA-IRVINE |
| | 3.53 | 98 | WHITMAN C. WA |

TABLE 4
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 3.83 | 54 | JUILLIARD SCHOOL NY |
| 2 | 3.18 | 86 | BRYN MAWR C. PA |
| 3 | 2.18 | 176 | OBERLIN C. OH |
| 4 | 1.99 | 8 | CLEVELAND INSTITUTE OF MUSIC OH |
| 5 | 1.98 | 129 | U. OF CHICAGO IL |
| 6 | 1.98 | 13 | PEABODY INSTITUTE MD |
| 7 | 1.94 | 17 | ST. JOHN'S C. MD |
| 8 | 1.88 | 46 | HAVERFORD C. PA |
| 9 | 1.86 | 293 | YALE U. CT |
| 10 | 1.79 | 66 | SWARTHMORE C. PA |
| | 1.79 | 48 | REED C. OR |
| 12 | 1.76 | 27 | BENNINGTON C. VT |
| 13 | 1.74 | 9 | MARLBORO C. VT |
| 14 | 1.73 | 75 | AMHERST C. MA |
| 15 | 1.69 | 348 | HARVARD-RADCLIFFE MA |
| 16 | 1.65 | 19 | MANHATTAN SCHOOL OF MUSIC NY |
| 17 | 1.61 | 203 | PRINCETON U. NJ |
| 18 | 1.60 | 95 | WESLEYAN U. CT |
| 19 | 1.55 | 70 | CARLETON C. MN |
| 20 | 1.53 | 96 | WELLESLEY C. MA |
| 21 | 1.51 | 61 | POMONA C. CA |
| 22 | 1.50 | 17 | NEW ENGLAND CONSERVATORY OF MUSIC MA |

TABLE 4
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 1.47 | 95 | BARNARD C. NY |
| 24 | 1.42 | 94 | VASSAR C. NY |
| 25 | 1.39 | 38 | SARAH LAWRENCE C. NY |
| 26 | 1.20 | 97 | BRANDEIS U. MA |
| 27 | 1.19 | 95 | SMITH C. MA |
| 28 | 1.18 | 189 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 29 | 1.11 | 42 | KENYON C. OH |
| 30 | 1.09 | 38 | GRINNELL C. IA |
| 31 | 1.04 | 64 | MOUNT HOLYOKE C. MA |
| 32 | 1.03 | 37 | DAVIDSON C. NC |
| 33 | 1.02 | 15 | SCRIPPS C. CA |
| 34 | 1.00 | 34 | KALAMAZOO C. MI |
| 35 | 0.99 | 45 | HAMILTON C. NY |
| 36 | 0.93 | 33 | LAWRENCE U. WI |
| 37 | 0.91 | 136 | BROWN U. RI |
| 38 | 0.88 | 32 | BELOIT C. WI |
| 39 | 0.87 | 187 | STANFORD U. CA |
|  | 0.87 | 121 | U. OF ROCHESTER NY |
| 41 | 0.86 | 44 | TRINITY C. CT |
| 42 | 0.85 | 8 | WESTMINSTER CHOIR C. NJ |
| 43 | 0.84 | 17 | U. OF DALLAS TX |

TABLE 4
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 44 | 0.83 | 51 | WHEATON C. IL |
| 45 | 0.80 | 46 | MIDDLEBURY C. VT |
| 46 | 0.79 | 42 | WILLIAMS C. MA |
| | 0.79 | 41 | DICKINSON C. PA |
| 48 | 0.77 | 25 | MANHATTANVILLE C. NY |
| 49 | 0.73 | 17 | ECKERD C. FL |
| | 0.73 | 12 | AGNES SCOTT C. GA |
| 51 | 0.71 | 31 | MACALESTER C. MN |
| | 0.71 | 11 | WELLS C. NY |
| 53 | 0.69 | 93 | U. OF CALIFORNIA-SANTA CRUZ |
| | 0.69 | 20 | EARLHAM C. IN |
| 55 | 0.67 | 11 | BARD C. NY |
| | 0.67 | 7 | WILSON C. PA |
| 57 | 0.66 | 52 | RICE U. TX |
| 58 | 0.65 | 13 | CENTENARY C. OF LOUISIANA |
| 59 | 0.64 | 113 | DUKE U. NC |
| | 0.64 | 75 | DARTMOUTH C. NH |
| | 0.64 | 15 | WESTMONT C. CA |
| 62 | 0.63 | 18 | GOUCHER C. MD |
| | 0.63 | 15 | CORNELL C. IA |
| 64 | 0.62 | 84 | U. OF CALIFORNIA-SAN DIEGO |

TABLE 4
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 65 | 0.61 | 75 | C. OF WILLIAM & MARY VA |
| | 0.61 | 31 | CONNECTICUT C. |
| 67 | 0.60 | 47 | SAINT OLAF C. MN |
| | 0.60 | 23 | BOWDOIN C. ME |
| 69 | 0.59 | 10 | TRINITY C. DC |
| 70 | 0.57 | 49 | CALVIN C. MI |
| | 0.57 | 29 | C. OF WOOSTER OH |
| | 0.57 | 16 | RHODES C. TN |
| | 0.57 | 15 | THE U. OF THE SOUTH TN |
| | 0.57 | 11 | TRINITY C. IL |
| | 0.57 | 9 | MARYGROVE C. MI |

TABLE 5
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 0.73 | 7 | C. OF THE VIRGIN ISLANDS |
| 2 | 0.61 | 10 | CHATHAM C. PA |
| 3 | 0.59 | 14 | LINCOLN U. PA |
| 4 | 0.55 | 102 | EAST TEXAS STATE U. |
| | 0.55 | 12 | HARRIS-STOWE STATE C. MO |
| 6 | 0.53 | 28 | MISSISSIPPI U. FOR WOMEN |
| | 0.53 | 15 | SPELMAN C. GA |
| 8 | 0.52 | 20 | ANDREWS U. MI |
| 9 | 0.51 | 12 | UNION U. TN |
| 10 | 0.50 | 6 | HURON C. SD |
| 11 | 0.49 | 32 | SPRINGFIELD C. MA |
| 12 | 0.48 | 7 | BRIGHAM YOUNG U. HAWAII CAMPUS |
| | 0.48 | 6 | KANSAS WESLEYAN |
| | 0.48 | 6 | HOLY NAMES C. CA |
| 15 | 0.47 | 16 | BEREA C. KY |
| 16 | 0.46 | 14 | LAKE FOREST C. IL |
| | 0.46 | 11 | CARLOW C. PA |
| | 0.46 | 11 | LORETTO HEIGHTS C. CO |
| 19 | 0.45 | 61 | SUNY C. AT CORTLAND |
| | 0.45 | 15 | ALBANY STATE C. GA |
| | 0.45 | 7 | SAINT FRANCIS C. IN |
| | 0.45 | 7 | NATIONAL C. OF EDUCATION IL |

TABLE 5
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 0.44 | 15 | NEW MEXICO HIGHLANDS U. |
| | 0.44 | 8 | TOUGALOO C. MS |
| | 0.44 | 6 | ALBERTUS MAGNUS C. CT |
| 26 | 0.43 | 29 | TUSKEGEE INSTITUTE AL |
| | 0.43 | 19 | MACALESTER C. MN |
| | 0.43 | 17 | AUGUSTA C. GA |
| | 0.43 | 9 | OHIO DOMINICAN C. |
| 30 | 0.42 | 34 | OBERLIN C. OH |
| | 0.42 | 28 | CATHOLIC U. OF AMERICA DC |
| 32 | 0.41 | 33 | BRANDEIS U. MA |
| | 0.41 | 27 | CLARK U. MA |
| | 0.41 | 16 | OUACHITA BAPTIST U. AR |
| | 0.41 | 11 | OTTAWA U. KS |
| | 0.41 | 6 | SCRIPPS C. CA |
| | 0.41 | 6 | ATLANTIC UNION C. MA |
| 38 | 0.40 | 125 | THE U. OF ALABAMA |
| | 0.40 | 20 | C. OF WOOSTER OH |
| | 0.40 | 13 | ASSUMPTION C. MA |
| | 0.40 | 9 | MILLSAPS C. MS |
| | 0.40 | 8 | TRANSYLVANIA U. KY |
| | 0.40 | 7 | LINCOLN MEMORIAL U. TN |

TABLE 5
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| 44 | 0.39 | 75 | APPALACHIAN STATE U. NC |
| | 0.39 | 11 | FISK U. TN |
| 46 | 0.38 | 51 | CALIFORNIA U. OF PENNSYLVANIA |
| | 0.38 | 19 | COLUMBUS C. GA |
| | 0.38 | 15 | CONCORDIA C. IL |
| | 0.38 | 13 | OKLAHOMA BAPTIST U. |
| | 0.38 | 13 | EMMANUEL C. MA |
| | 0.38 | 12 | SAINT EDWARD'S U. TX |
| | 0.38 | 11 | BOWIE STATE C. MD |
| | 0.38 | 8 | KENTUCKY STATE U. |
| | 0.38 | 8 | MALONE C. OH |
| | 0.38 | 6 | DOANE C. NE |
| 56 | 0.37 | 51 | U. OF ROCHESTER NY |
| | 0.37 | 49 | SLIPPERY ROCK U. OF PENNSYLVANIA |
| | 0.37 | 32 | BUCKNELL U. PA |
| | 0.37 | 28 | U. OF DISTRICT OF COLUMBIA |
| | 0.37 | 18 | STETSON U. FL |
| | 0.37 | 11 | AUSTIN C. TX |
| | 0.37 | 9 | PFEIFFER C. NC |
| | 0.37 | 7 | BLUFFTON C. OH |
| | 0.37 | 6 | AGNES SCOTT C. GA |
| | 0.37 | 6 | UNION C. NE |

TABLE 5
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| 66 | 0.36 | 125 | SUNY U. AT BUFFALO |
| | 0.36 | 23 | HAMPTON U. VA |
| | 0.36 | 22 | MOUNT HOLYOKE C. MA |
| | 0.36 | 13 | DAVIDSON C. NC |
| | 0.36 | 12 | INCARNATE WORD C. TX |
| | 0.36 | 10 | C. OF MOUNT SAINT VINCENT NY |
| | 0.36 | 10 | BETHANY NAZARENE C. OK |
| | 0.36 | 8 | BRIDGEWATER C. VA |
| | 0.36 | 7 | PITZER C. CA |
| | 0.36 | 6 | FRANKLIN C. IN |

TABLE 6
TOP 5% IN MATH & PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | MATH&PHYSICAL SCIENCE RATIO | MATH&PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 18.13 | 411 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 14.41 | 160 | HARVEY MUDD C. CA |
| 3 | 6.21 | 853 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 3.33 | 217 | U. OF CHICAGO IL |
| 5 | 3.24 | 87 | REED C. OR |
| 6 | 3.05 | 138 | CARLETON C. MN |
| 7 | 2.75 | 216 | RICE U. TX |
| 8 | 2.54 | 39 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 9 | 2.41 | 303 | PRINCETON U. NJ |
| 10 | 2.39 | 275 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 11 | 2.37 | 58 | HAVERFORD C. PA |
| 12 | 2.31 | 80 | STEVENS INSTITUTE OF TECHNOLOGY NJ |
| 13 | 2.28 | 92 | POMONA C. CA |
| 14 | 2.24 | 62 | COOPER UNION NY |
| 15 | 1.93 | 396 | HARVARD-RADCLIFFE MA |
| 16 | 1.88 | 198 | CASE WESTERN RESERVE U. OH |
| 17 | 1.86 | 250 | U. OF CALIFORNIA-SAN DIEGO |
| 18 | 1.84 | 68 | SWARTHMORE C. PA |
| 19 | 1.72 | 83 | POLYTECHNIC INSTITUTE OF NEW YORK |

TABLE 6
TOP 5% IN MATH & PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | MATH&PHYSICAL SCIENCE RATIO | MATH&PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 20 | 1.67 | 57 | KALAMAZOO C. MI |
| 21 | 1.53 | 228 | BROWN U. RI |
| 22 | 1.52 | 81 | WORCESTER POLYTECHNIC INSTITUTE MA |
| 23 | 1.49 | 137 | CARNEGIE-MELLON U. PA |
| | 1.49 | 120 | OBERLIN C. OH |
| 25 | 1.47 | 50 | KNOX C. IL |
| 26 | 1.45 | 202 | U. OF ROCHESTER NY |
| | 1.45 | 63 | AMHERST C. MA |
| 28 | 1.41 | 51 | COLORADO SCHOOL OF MINES |
| 29 | 1.36 | 69 | C. OF WOOSTER OH |
| 30 | 1.30 | 118 | JOHNS HOPKINS U. MD |
| 31 | 1.29 | 152 | DARTMOUTH C. NH |
| 32 | 1.27 | 28 | WABASH C. IN |
| 33 | 1.26 | 45 | DAVIDSON C. NC |
| | 1.26 | 44 | GRINNELL C. IA |
| 35 | 1.23 | 73 | FRANKLIN & MARSHALL C. PA |
| 36 | 1.22 | 72 | WESLEYAN U. CT |
| | 1.22 | 65 | WILLIAMS C. MA |
| 38 | 1.19 | 138 | U. OF CALIFORNIA-RIVERSIDE |
| 39 | 1.18 | 186 | YALE U. CT |
| 40 | 1.16 | 249 | STANFORD U. CA |

TABLE 6
TOP 5% IN MATH & PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | MATH&PHYSICAL SCIENCE RATIO | MATH&PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 41 | 1.14 | 182 | COLUMBIA U. NY [ALL DIV.EXCEPT BARNARD] |
| 42 | 1.13 | 29 | ILLINOIS BENEDICTINE C. |
| 43 | 1.12 | 77 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 44 | 1.11 | 36 | JUNIATA C. PA |
| | 1.11 | 32 | ROSE-HULMAN INSTITUTE OF TECHNOLOGY IN |
| | 1.11 | 32 | EARLHAM C. IN |
| 47 | 1.10 | 55 | OCCIDENTAL C. CA |
| 48 | 1.07 | 93 | BUCKNELL U. PA |
| 49 | 1.05 | 29 | WHITMAN C. WA |
| 50 | 1.04 | 383 | CORNELL U. NY |
| | 1.04 | 39 | BATES C. ME |
| 52 | 1.02 | 39 | BOWDOIN C. ME |
| | 1.02 | 7 | KING C. TN |
| 54 | 1.00 | 29 | LEBANON VALLEY C. PA |
| 55 | 0.96 | 226 | SUNY U. AT STONY BROOK |
| | 0.96 | 52 | HOPE C. MI |
| | 0.96 | 26 | BRYN MAWR C. PA |
| 58 | 0.93 | 33 | LAWRENCE U. WI |

TABLE 6
TOP 5% IN MATH & PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | MATH&PHYSICAL SCIENCE RATIO | MATH&PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 59 | 0.91 | 33 | BELOIT C. WI |
| | 0.91 | 10 | INDIANA INSTITUTE OF TECHNOLOGY |
| | 0.91 | 8 | ST. JOHN'S C. MD |
| 62 | 0.89 | 69 | SAINT OLAF C. MN |
| | 0.89 | 38 | ST. JOHN'S U. MN |
| 64 | 0.87 | 152 | U. OF CALIFORNIA-IRVINE |
| | 0.87 | 70 | BRANDEIS U. MA |
| | 0.87 | 18 | SOUTHWESTERN U. TX |
| 67 | 0.86 | 29 | URSINUS C. PA |
| 68 | 0.85 | 115 | U. OF CALIFORNIA-SANTA CRUZ |
| 69 | 0.84 | 60 | UNION C. & U. NY |
| | 0.84 | 42 | ALLEGHENY C. PA |
| | 0.84 | 16 | WASHINGTON C. MD |
| 72 | 0.82 | 101 | C. OF WILLIAM & MARY VA |
| | 0.82 | 51 | LAFAYETTE C. PA |
| | 0.82 | 19 | ECKERD C. FL |
| | 0.82 | 16 | CENTRE C. OF KENTUCKY |

TABLE 7
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 4.54 | 103 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 2.70 | 176 | U. OF CHICAGO IL |
| 3 | 2.61 | 70 | REED C. OR |
| 4 | 2.28 | 92 | POMONA C. CA |
| 5 | 2.19 | 295 | U. OF CALIFORNIA-SAN DIEGO |
| 6 | 2.17 | 197 | JOHNS HOPKINS U. MD |
| 7 | 2.11 | 290 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 8 | 2.04 | 50 | HAVERFORD C. PA |
| 9 | 1.90 | 70 | SWARTHMORE C. PA |
| 10 | 1.86 | 685 | CORNELL U. NY |
| 11 | 1.75 | 600 | U. OF CALIFORNIA-DAVIS |
| 12 | 1.74 | 79 | CARLETON C. MN |
| 13 | 1.73 | 59 | KALAMAZOO C. MI |
| 14 | 1.67 | 343 | HARVARD-RADCLIFFE MA |
| 15 | 1.60 | 186 | U. OF CALIFORNIA-RIVERSIDE |
| 16 | 1.58 | 55 | GRINNELL C. IA |
| 17 | 1.56 | 80 | SUNY C. OF ENVIRONMENTAL SCIENCE & FORESTRY |
|  | 1.56 | 70 | MUHLENBERG C. PA |
| 19 | 1.54 | 8 | MARLBORO C. VT |
| 20 | 1.41 | 31 | WABASH C. IN |

TABLE 7
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 21 | 1.40 | 113 | OBERLIN C. OH |
| 22 | 1.39 | 44 | DELAWARE VALLEY C. OF SCIENCE & AG. PA |
| 23 | 1.36 | 52 | BOWDOIN C. ME |
| | 1.36 | 30 | PHILADELPHIA C. OF PHARMACY & SCIENCE PA |
| 25 | 1.34 | 211 | YALE U. CT |
| 26 | 1.32 | 38 | EARLHAM C. IN |
| 27 | 1.29 | 277 | STANFORD U. CA |
| | 1.29 | 35 | BRYN MAWR C. PA |
| 29 | 1.28 | 222 | U. OF CALIFORNIA-IRVINE |
| 30 | 1.26 | 14 | HARVEY MUDD C. CA |
| 31 | 1.25 | 175 | U. OF ROCHESTER NY |
| | 1.25 | 169 | U. OF CALIFORNIA-SANTA CRUZ |
| | 1.25 | 101 | BRANDEIS U. MA |
| 34 | 1.22 | 215 | DUKE U. NC |
| | 1.22 | 96 | RICE U. TX |
| 36 | 1.19 | 177 | BROWN U. RI |
| 37 | 1.18 | 44 | BATES C. ME |
| 38 | 1.17 | 26 | HAMPSHIRE C. MA |
| 39 | 1.16 | 93 | SMITH C. MA |
| 40 | 1.15 | 50 | AMHERST C. MA |

TABLE 7
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 41 | 1.12 | 40 | LAWRENCE U. WI |
| 42 | 1.11 | 261 | SUNY U. AT STONY BROOK |
| | 1.11 | 36 | JUNIATA C. PA |
| | 1.11 | 31 | WASHINGTON & JEFFERSON C. PA |
| 45 | 1.10 | 68 | MOUNT HOLYOKE C. MA |
| | 1.10 | 65 | WESLEYAN U. CT |
| 47 | 1.04 | 16 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 48 | 1.02 | 129 | PRINCETON U. NJ |
| 49 | 1.01 | 701 | U. OF CALIFORNIA-BERKELEY |
| | 1.01 | 35 | WESTERN MARYLAND C. |
| | 1.01 | 32 | HIRAM C. OH |
| 52 | 1.00 | 106 | CASE WESTERN RESERVE U. OH |
| 53 | 0.99 | 62 | WELLESLEY C. MA |
| 54 | 0.97 | 69 | UNION C. & U. NY |
| 55 | 0.96 | 53 | GETTYSBURG C. PA |
| | 0.96 | 28 | LEBANON VALLEY C. PA |
| | 0.96 | 20 | RANDOLPH-MACON WOMAN'S C. VA |
| 58 | 0.95 | 10 | WILSON C. PA |
| 59 | 0.94 | 62 | VASSAR C. NY |
| | 0.94 | 32 | URSINUS C. PA |
| | 0.94 | 27 | GOUCHER C. MD |

TABLE 7
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 62 | 0.93 | 45 | COLBY C. ME |
| 63 | 0.92 | 40 | MACALESTER C. MN |
| 64 | 0.91 | 59 | BARNARD C. NY |
| 65 | 0.90 | 246 | U. OF PENNSYLVANIA |
| | 0.90 | 21 | ECKERD C. FL |
| | 0.89 | 110 | C. OF WILLIAM & MARY VA |
| | 0.89 | 45 | C. OF WOOSTER OH |
| 69 | 0.88 | 566 | U. OF WISCONSIN-MADISON |
| | 0.88 | 101 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| | 0.88 | 30 | KNOX C. IL |
| 72 | 0.87 | 65 | COLGATE U. NY |
| | 0.87 | 33 | KENYON C. OH |
| | 0.87 | 24 | WHITMAN C. WA |
| 75 | 0.85 | 74 | BUCKNELL U. PA |
| | 0.85 | 25 | AUSTIN C. TX |

TABLE 8
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 3.39 | 125 | SWARTHMORE C. PA |
| 2 | 3.28 | 88 | REED C. OR |
| 3 | 2.84 | 185 | U. OF CHICAGO IL |
| 4 | 2.38 | 155 | CLARK U. MA |
| 5 | 2.37 | 191 | OBERLIN C. OH |
| | 2.37 | 58 | HAVERFORD C. PA |
| 7 | 2.29 | 185 | BRANDEIS U. MA |
| 8 | 2.14 | 138 | BARNARD C. NY |
| 9 | 2.03 | 418 | HARVARD-RADCLIFFE MA |
| 10 | 1.93 | 78 | POMONA C. CA |
| 11 | 1.88 | 295 | YALE U. CT |
| 12 | 1.85 | 17 | NEW SCHOOL FOR SOCIAL RESEARCH NY |
| 13 | 1.79 | 112 | WELLESLEY C. MA |
| 14 | 1.77 | 264 | BROWN U. RI |
| | 1.77 | 34 | PITZER C. CA |
| 16 | 1.74 | 103 | WESLEYAN U. CT |
| 17 | 1.71 | 38 | HAMPSHIRE C. MA |
| 18 | 1.69 | 236 | U. OF ROCHESTER NY |
| | 1.69 | 46 | SARAH LAWRENCE C. NY |
| 20 | 1.66 | 45 | BRYN MAWR C. PA |
| 21 | 1.64 | 206 | PRINCETON U. NJ |

TABLE 8
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 22 | 1.62 | 71 | MACALESTER C. MN |
| 23 | 1.59 | 37 | ECKERD C. FL |
| 24 | 1.57 | 84 | WILLIAMS C. MA |
| 25 | 1.55 | 54 | GRINNELL C. IA |
| 26 | 1.48 | 53 | DAVIDSON C. NC |
| 27 | 1.46 | 197 | U. OF CALIFORNIA-SANTA CRUZ |
| 28 | 1.44 | 95 | VASSAR C. NY |
| 29 | 1.42 | 305 | STANFORD U. CA |
| 30 | 1.40 | 330 | SUNY U. AT STONY BROOK |
| 31 | 1.34 | 6 | SAINT MARY'S SEMINARY & U. MD |
| 32 | 1.33 | 60 | CARLETON C. MN |
| 33 | 1.32 | 45 | KALAMAZOO C. MI |
| | 1.32 | 30 | MILLSAPS C. MS |
| 35 | 1.28 | 64 | OCCIDENTAL C. CA |
| | 1.28 | 30 | WESTMONT C. CA |
| 37 | 1.27 | 55 | AMHERST C. MA |
| | 1.27 | 46 | BELOIT C. WI |
| 39 | 1.26 | 201 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 40 | 1.25 | 77 | MOUNT HOLYOKE C. MA |
| 41 | 1.23 | 112 | JOHNS HOPKINS U. MD |
| | 1.23 | 75 | DENISON U. OH |



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TABLE 8
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 43 | 1.20 | 328 | U. OF PENNSYLVANIA |
| 44 | 1.19 | 95 | SMITH C. MA |
| 45 | 1.16 | 134 | U. OF CALIFORNIA-RIVERSIDE |
| | 1.16 | 69 | FRANKLIN & MARSHALL C. PA |
| | 1.16 | 19 | BARD C. NY |
| 48 | 1.15 | 33 | GOUCHER C. MD |
| 49 | 1.14 | 201 | DUKE U. NC |
| 50 | 1.11 | 45 | YESHIVA U. NY |
| | 1.11 | 32 | EARLHAM C. IN |
| 52 | 1.08 | 55 | TRINITY C. CT |
| | 1.08 | 49 | HAMILTON C. NY |
| 54 | 1.07 | 41 | BOWDOIN C. ME |
| 55 | 1.06 | 176 | SUNY U. AT BINGHAMTON |
| | 1.06 | 137 | TUFTS U. MA |
| 57 | 1.05 | 91 | BUCKNELL U. PA |
| 58 | 1.04 | 140 | U. OF CALIFORNIA-SAN DIEGO |
| 59 | 1.03 | 26 | CLAREMONT MCKENNA C CA |
| 60 | 1.02 | 36 | UNITED STATES INTERNATIONAL U. CA |
| 61 | 1.01 | 107 | CASE WESTERN RESERVE U. OH |
| | 1.01 | 36 | LAWRENCE U. WI |
| 63 | 0.97 | 358 | CORNELL U. NY |

TABLE 8
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 64 | 0.96 | 119 | C. OF WILLIAM & MARY VA |
| | 0.96 | 27 | RHODES C. TN |
| 66 | 0.95 | 75 | RICE U. TX |
| | 0.95 | 36 | KENYON C. OH |
| 68 | 0.94 | 206 | NORTHWESTERN U. IL |
| | 0.94 | 32 | KNOX C. IL |
| | 0.94 | 6 | CATHEDRAL C. OF THE IMMACULATE SEM. NY |
| 71 | 0.93 | 96 | EMORY U. GA |
| | 0.93 | 21 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 73 | 0.92 | 266 | CUNY CITY C. NY |
| | 0.92 | 137 | WASHINGTON U. MO |
| 74 | 0.91 | 632 | U. OF CALIFORNIA-BERKELEY |
| | 0.91 | 28 | LAKE FOREST C. IL |
| | 0.91 | 20 | WABASH C. IN |

TABLE 9
TOP 5% IN ENGINEERING
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ENGINEERING RATIO | ENGINEERING TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 5.69 | 129 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 4.42 | 607 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 3 | 2.88 | 32 | HARVEY MUDD C. CA |
| 4 | 1.85 | 51 | COOPER UNION NY |
| 5 | 1.81 | 208 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 6 | 1.37 | 126 | CARNEGIE-MELLON U. PA |
| 7 | 1.32 | 104 | RICE U. TX |
| 8 | 1.30 | 89 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 9 | 1.27 | 46 | COLORADO SCHOOL OF MINES |
| 10 | 1.24 | 60 | POLYTECHNIC INSTITUTE OF NEW YORK |
| 11 | 1.22 | 60 | ALFRED U. NY |
| 12 | 1.10 | 116 | CASE WESTERN RESERVE U. OH |
| | 1.10 | 38 | STEVENS INSTITUTE OF TECHNOLOGY NJ |
| 14 | 1.08 | 120 | U. OF MISSOURI-ROLLA |
| 15 | 0.98 | 31 | SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY |
| 16 | 0.94 | 50 | WORCESTER POLYTECHNIC INSTITUTE MA |
| 17 | 0.84 | 106 | PRINCETON U. NJ |
| 18 | 0.80 | 23 | ROSE-HULMAN INSTITUTE OF TECHNOLOGY IN |

TABLE 9
TOP 5% IN ENGINEERING
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ENGINEERING RATIO | ENGINEERING TOTAL | INSTITUTION |
|---|---|---|---|
| 19 | 0.78 | 87 | LEHIGH U. PA |
| 20 | 0.72 | 266 | CORNELL U. NY |
| | 0.72 | 11 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 22 | 0.70 | 59 | CLARKSON C. OF TECHNOLOGY NY |
| 23 | 0.69 | 79 | MICHIGAN TECHNOLOGICAL U. |
| 24 | 0.67 | 97 | DREXEL U. PA |
| | 0.67 | 61 | JOHNS HOPKINS U. MD |
| 26 | 0.64 | 103 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 27 | 0.63 | 117 | GEORGIA INSTITUTE OF TECHNOLOGY |
| 28 | 0.59 | 340 | PURDUE U. IN |
| 29 | 0.55 | 6 | INDIANA INSTITUTE OF TECHNOLOGY |
| 30 | 0.52 | 77 | BROWN U. RI |
| 31 | 0.48 | 105 | NORTHWESTERN U. IL |
| | 0.48 | 104 | STANFORD U. CA |
| 33 | 0.47 | 27 | GENERAL MOTORS INSTITUTE MI |
| 34 | 0.46 | 97 | U. OF NOTRE DAME IN |
| | 0.46 | 17 | SWARTHMORE C. PA |
| 36 | 0.45 | 169 | VIRGINIA POLYTECHNIC INSTITUTE |

TABLE 9
TOP 5% IN ENGINEERING
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ENGINEERING RATIO | ENGINEERING TOTAL | INSTITUTION |
|---|---|---|---|
| 37 | 0.43 | 309 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| | 0.43 | 123 | NORTH CAROLINA STATE U.-RALEIGH |
| | 0.43 | 37 | NEW JERSEY INSTITUTE OF TECHNOLOGY |
| | 0.43 | 27 | LAFAYETTE C. PA |
| 41 | 0.40 | 8 | NORTHROP U. CA |
| 42 | 0.38 | 57 | WASHINGTON U. MO |
| 43 | 0.37 | 228 | U. OF MICHIGAN |
| | 0.37 | 51 | U. OF ROCHESTER NY |
| 45 | 0.36 | 251 | U. OF CALIFORNIA-BERKELEY |
| | 0.36 | 96 | U. OF VIRGINIA |
| | 0.36 | 48 | U. OF CALIFORNIA-SAN DIEGO |
| 48 | 0.35 | 45 | TUFTS U. MA |
| 49 | 0.34 | 23 | CATHOLIC U. OF AMERICA DC |
| 50 | 0.33 | 59 | DUKE U. NC |
| 51 | 0.32 | 31 | MANHATTAN C. NY |
| 52 | 0.31 | 198 | U. OF WISCONSIN-MADISON |
| | 0.31 | 91 | U. OF DELAWARE |
| | 0.31 | 33 | U. OF TULSA OK |
| 55 | 0.30 | 33 | UNITED STATES AIR FORCE ACADEMY CO |
| | 0.30 | 26 | BUCKNELL U. PA |

TABLE 9
TOP 5% IN ENGINEERING
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ENGINEERING RATIO | ENGINEERING TOTAL | INSTITUTION |
|---|---|---|---|
| 57 | 0.29 | 94 | U. OF UTAH |
| | 0.29 | 79 | U. OF PENNSYLVANIA |
| | 0.29 | 38 | U. OF PUERTO RICO-MAYAGUEZ |
| | 0.29 | 10 | KALAMAZOO C. MI |
| 61 | 0.28 | 125 | IOWA STATE U. OF SCIENCE & TECHNOLOGY |
| | 0.28 | 20 | UNION C. & U. NY |
| 63 | 0.27 | 10 | FLORIDA INSTITUTE OF TECHNOLOGY |
| 64 | 0.25 | 73 | CUNY CITY C. NY |
| | 0.25 | 40 | VANDERBILT U. TN |
| | 0.25 | 6 | HAVERFORD C. PA |
| 67 | 0.24 | 140 | U. OF CALIFORNIA-LOS ANGELES |
| | 0.24 | 110 | TEXAS A. & M. U. |
| | 0.24 | 81 | U. OF CALIFORNIA-DAVIS |
| | 0.24 | 38 | YALE U. CT |
| | 0.24 | 32 | TULANE U. OF LOUISIANA |
| | 0.24 | 26 | UNITED STATES MILITARY ACADEMY NY |
| 73 | 0.23 | 54 | SUNY U. AT STONY BROOK |
| | 0.23 | 42 | U. OF DAYTON OH |
| | 0.23 | 8 | TRI-STATE U. IN |
| | 0.23 | 7 | VIRGINIA MILITARY INSTITUTE |

TABLE 10
TOP 5% IN ALL SCIENCE FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 29.29 | 664 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 19.37 | 215 | HARVEY MUDD C. CA |
| 3 | 13.62 | 1870 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 9.34 | 251 | REED C. OR |
| 5 | 8.98 | 585 | U. OF CHICAGO IL |
| 6 | 7.59 | 280 | SWARTHMORE C. PA |
| 7 | 7.03 | 172 | HAVERFORD C. PA |
| 8 | 6.56 | 265 | POMONA C. CA |
| 9 | 6.34 | 287 | CARLETON C. MN |
| 10 | 6.25 | 491 | RICE U. TX |
| 11 | 5.91 | 744 | PRINCETON U. NJ |
| 12 | 5.83 | 1200 | HARVARD-RADCLIFFE MA |
| 13 | 5.44 | 733 | U. OF CALIFORNIA-SAN DIEGO |
| 14 | 5.38 | 619 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 15 | 5.37 | 488 | JOHNS HOPKINS U. MD |
| 16 | 5.33 | 430 | OBERLIN C. OH |
| 17 | 5.01 | 171 | KALAMAZOO C. MI |
| 18 | 5.00 | 746 | BROWN U. RI |
|  | 5.00 | 527 | CASE WESTERN RESERVE U. OH |
| 20 | 4.76 | 664 | U. OF ROCHESTER NY |

TABLE 10
TOP 5% IN ALL SCIENCE FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 21 | 4.64 | 730 | YALE U. CT |
| 22 | 4.60 | 1692 | CORNELL U. NY |
| | 4.60 | 127 | COOPER UNION NY |
| 24 | 4.50 | 69 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 25 | 4.48 | 361 | BRANDEIS U. MA |
| 26 | 4.44 | 155 | GRINNELL C. IA |
| 27 | 4.35 | 935 | STANFORD U. CA |
| 28 | 4.12 | 244 | WESLEYAN U. CT |
| 29 | 4.07 | 110 | BRYN MAWR C. PA |
| 30 | 4.04 | 175 | AMHERST C. MA |
| 31 | 4.00 | 464 | U. OF CALIFORNIA-RIVERSIDE |
| 32 | 3.95 | 363 | CARNEGIE-MELLON U. PA |
| 33 | 3.93 | 136 | STEVENS INSTITUTE OF TECHNOLOGY NJ |
| 34 | 3.79 | 606 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 35 | 3.78 | 135 | DAVIDSON C. NC |
| 36 | 3.72 | 199 | WILLIAMS C. MA |
| 37 | 3.69 | 671 | SUNY U. AT STONY BROOK |
| 38 | 3.64 | 105 | EARLHAM C. IN |
| 39 | 3.63 | 80 | WABASH C. IN |

TABLE 10
TOP 5% IN ALL SCIENCE FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 40 | 3.59 | 486 | U. OF CALIFORNIA-SANTA CRUZ |
| | 3.59 | 80 | HAMPSHIRE C. MA |
| 42 | 3.58 | 137 | BOWDOIN C. ME |
| 43 | 3.47 | 226 | CLARK U. MA |
| 44 | 3.42 | 165 | POLYTECHNIC INSTITUTE OF NEW YORK |
| 45 | 3.40 | 170 | OCCIDENTAL C. CA |
| 46 | 3.38 | 218 | BARNARD C. NY |
| 47 | 3.35 | 591 | DUKE U. NC |
| | 3.35 | 78 | ECKERD C. FL |
| 49 | 3.31 | 197 | FRANKLIN & MARSHALL C. PA |
| 50 | 3.29 | 112 | KNOX C. IL |
| 51 | 3.27 | 284 | BUCKNELL U. PA |
| 52 | 3.25 | 203 | WELLESLEY C. MA |
| 53 | 3.23 | 141 | MACALESTER C. MN |
| 54 | 3.19 | 374 | DARTMOUTH C. NH |
| 55 | 3.16 | 118 | BATES C. ME |
| 56 | 3.15 | 112 | LAWRENCE U. WI |
| 57 | 3.10 | 112 | BELOIT C. WI |
| 58 | 3.07 | 2137 | U. OF CALIFORNIA-BERKELEY |
| 59 | 3.01 | 207 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 60 | 2.97 | 183 | MOUNT HOLYOKE C. MA |

TABLE 10
TOP 5% IN ALL SCIENCE FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN AND WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 61 | 2.96 | 515 | U. OF CALIFORNIA-IRVINE |
| | 2.96 | 150 | C. OF WOOSTER OH |
| 63 | 2.94 | 132 | MUHLENBERG C. PA |
| 64 | 2.90 | 207 | UNION C. & U. NY |
| 65 | 2.88 | 789 | U. OF PENNSYLVANIA |
| 66 | 2.87 | 987 | U. OF CALIFORNIA-DAVIS |
| | 2.87 | 104 | COLORADO SCHOOL OF MINES |
| 68 | 2.85 | 79 | WHITMAN C. WA |
| 69 | 2.81 | 150 | WORCESTER POLYTECHNIC INSTITUTE MA |
| 70 | 2.80 | 346 | C. OF WILLIAM & MARY VA |
| 71 | 2.77 | 183 | VASSAR C. NY |
| 72 | 2.74 | 219 | SMITH C. MA |
| 73 | 2.72 | 405 | WASHINGTON U. MO |
| 74 | 2.69 | 61 | MILLSAPS C. MS |
| 75 | 2.60 | 84 | JUNIATA C. PA |

TABLE 11

INSTITUTIONS RANKED IN TOP 5% IN
MATH-PHYSICAL, LIFE, AND SOCIAL SCIENCE

AMHERST C. MA
BOWDOIN C. ME
BRANDEIS U. MA
BROWN U. RI
BRYN MAWR C. PA

BUCKNELL U. PA
CALIFORNIA INSTITUTE OF TECHNOLOGY
U. OF CALIFORNIA-RIVERSIDE
U. OF CALIFORNIA-SAN DIEGO
U. OF CALIFORNIA-SANTA CRUZ

CARLETON C. MN
CASE WESTERN RESERVE U. OH
U. OF CHICAGO IL
CORNELL U. NY
EARLHAM C. IN

ECKERD C. FL
GRINNELL C. IA
HARVARD-RADCLIFFE MA
HAVERFORD C. PA
JOHNS HOPKINS U. MD

KALAMAZOO C. MI
KNOX C. IL
LAWRENCE U. WI
OBERLIN C. OH
POMONA C. CA

PRINCETON U. NJ
REED C. OR
RICE U. TX
U. OF ROCHESTER NY
STANFORD U. CA

SUNY U. AT STONY BROOK
SWARTHMORE C. PA
WABASH C. IN
WESLEYAN U. CT
C. OF WILLIAM AND MARY VA

YALE U. CT

TABLE 12

INSTITUTIONS RANKED IN TOP 5% IN ENGINEERING
AND MATH-PHYSICAL, LIFE, AND SOCIAL SCIENCE

BROWN U. RI
BUCKNELL U. PA
CALIFORNIA INSTITUTE OF TECHNOLOGY
U. OF CALIFORNIA-SAN DIEGO
CASE WESTERN RESERVE U. OH

CORNELL U. NY
HAVERFORD C. PA
JOHNS HOPKINS U. MD
KALAMAZOO C. MI
PRINCETON U. NJ

RICE U. TX
U. OF ROCHESTER NY
STANFORD U. CA
SUNY U. AT STONY BROOK
SWARTHMORE C. PA

YALE U. CT

TABLE 13

INSTITUTIONS RANKED IN THE TOP 5% IN HUMANITIES,
MATH-PHYSICAL, LIFE, AND SOCIAL SCIENCE

AMHERST C. MA
BOWDOIN C. ME
BRANDEIS U. MA
BROWN U. RI
BRYN MAWR C. PA

U. OF CALIFORNIA-SAN DIEGO
U. OF CALIFORNIA-SANTA CRUZ
CARLETON C. MN
U. OF CHICAGO IL
EARLHAM C. IN

ECKERD C. FL
GRINNELL C. IA
HARVARD-RADCLIFFE MA
HAVERFORD C. PA
KALAMAZOO C. MI

LAWRENCE U. WI
OBERLIN C. OH
POMONA C. CA
PRINCETON U. NJ
REED C. OR

RICE U. TX
U. OF ROCHESTER NY
STANFORD U. CA
SWARTHMORE C. PA
WESLEYAN U. CT

C. OF WILLIAM AND MARY VA
YALE U. CT

TABLE 14

DOCTORAL PRODUCTIVITY RATIOS BY CARNEGIE CLASSIFICATION
PUBLIC INSTITUTIONS

| CARNEGIE CLASSIFICATION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| COMPREHENSIVE I | 23123 | 0.71 | 2089 | 0.06 | 5548 | 0.17 | 14232 | 0.44 |
| COMPREHENSIVE II | 2982 | 0.57 | 234 | 0.05 | 933 | 0.18 | 1697 | 0.33 |
| DOCTORATE-GRANTING I | 12489 | 1.27 | 1205 | 0.12 | 2020 | 0.21 | 8662 | 0.88 |
| DOCTORATE-GRANTING II | 4284 | 1.04 | 359 | 0.09 | 945 | 0.23 | 2759 | 0.67 |
| ENGINEERING | 290 | 1.24 | 1 | 0.00 | 9 | 0.04 | 280 | 1.20 |
| LIBERAL ARTS II | 146 | 0.79 | 11 | 0.06 | 21 | 0.11 | 110 | 0.60 |
| RESEARCH I | 31326 | 1.98 | 2573 | 0.16 | 3035 | 0.19 | 24447 | 1.55 |
| RESEARCH II | 17980 | 1.69 | 1500 | 0.14 | 2418 | 0.23 | 13251 | 1.24 |
| TOTAL PUBLIC | 93314 | 1.17 | 8007 | 0.10 | 15028 | 0.19 | 65959 | 0.82 |

TABLE 15

DOCTORAL PRODUCTIVITY RATIOS BY CARNEGIE CLASSIFICATION
PRIVATE INSTITUTIONS

| CARNEGIE CLASSIFICATION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| COMPREHENSIVE I | 10071 | 1.06 | 1163 | 0.12 | 1451 | 0.15 | 6964 | 0.73 |
| COMPREHENSIVE II | 4923 | 1.09 | 672 | 0.15 | 728 | 0.16 | 3282 | 0.73 |
| DOCTORATE-GRANTING I | 6367 | 1.98 | 622 | 0.19 | 511 | 0.16 | 4995 | 1.55 |
| DOCTORATE-GRANTING II | 1601 | 1.38 | 217 | 0.19 | 192 | 0.17 | 1065 | 0.92 |
| ENGINEERING | 854 | 1.16 | 3 | 0.00 | 14 | 0.02 | 816 | 1.11 |
| LIBERAL ARTS I | 13867 | 3.46 | 2672 | 0.67 | 888 | 0.22 | 9975 | 2.49 |
| LIBERAL ARTS II | 5811 | 0.77 | 759 | 0.10 | 1307 | 0.17 | 3371 | 0.45 |
| RESEARCH I | 16525 | 4.67 | 2350 | 0.66 | 812 | 0.23 | 12977 | 3.67 |
| RESEARCH II | 5546 | 2.48 | 720 | 0.32 | 574 | 0.26 | 4070 | 1.82 |
| TOTAL PRIVATE | 67888 | 1.81 | 9567 | 0.25 | 6662 | 0.18 | 49199 | 1.31 |

TABLE 16

DOCTORAL PRODUCTIVITY RATIOS BY CARNEGIE CLASSIFICATION
DOCTORATES EARNED IN SCIENCE
PUBLIC INSTITUTIONS

| CARNEGIE CLASSIFICATION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH & PHYSICAL SCIENCE TOTAL | MATH & PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| COMPREHENSIVE I | 855 | 0.03 | 3570 | 0.11 | 4463 | 0.14 | 5344 | 0.16 |
| COMPREHENSIVE II | 41 | 0.01 | 486 | 0.09 | 559 | 0.11 | 611 | 0.12 |
| DOCTORATE-GRANTING I | 755 | 0.08 | 1908 | 0.19 | 3116 | 0.32 | 2883 | 0.29 |
| DOCTORATE-GRANTING II | 249 | 0.06 | 675 | 0.16 | 906 | 0.22 | 929 | 0.23 |
| ENGINEERING | 128 | 0.55 | 116 | 0.50 | 27 | 0.12 | 9 | 0.04 |
| LIBERAL ARTS II | 0 | 0.00 | 30 | 0.16 | 53 | 0.29 | 27 | 0.15 |
| RESEARCH I | 3341 | 0.21 | 5346 | 0.34 | 9258 | 0.59 | 6502 | 0.41 |
| RESEARCH II | 1698 | 0.16 | 2851 | 0.27 | 4921 | 0.46 | 3781 | 0.35 |
| TOTAL PUBLIC | 7164 | 0.09 | 15071 | 0.19 | 23510 | 0.29 | 20214 | 0.25 |

TABLE 17

DOCTORAL PRODUCTIVITY RATIOS BY CARNEGIE CLASSIFICATION
DOCTORATES EARNED IN SCIENCE
PRIVATE INSTITUTIONS

| CARNEGIE CLASSIFICATION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH & PHYSICAL SCIENCE TOTAL | MATH & PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| COMPREHENSIVE I | 491 | 0.05 | 1962 | 0.21 | 2090 | 0.22 | 2421 | 0.25 |
| COMPREHENSIVE II | 176 | 0.04 | 971 | 0.22 | 1047 | 0.23 | 1088 | 0.24 |
| DOCTORATE-GRANTING I | 841 | 0.26 | 1511 | 0.47 | 1255 | 0.39 | 1388 | 0.43 |
| DOCTORATE-GRANTING II | 71 | 0.06 | 172 | 0.15 | 245 | 0.21 | 577 | 0.50 |
| ENGINEERING | 290 | 0.39 | 376 | 0.51 | 128 | 0.17 | 22 | 0.03 |
| LIBERAL ARTS I | 266 | 0.07 | 2907 | 0.73 | 3117 | 0.78 | 3685 | 0.92 |
| LIBERAL ARTS II | 97 | 0.01 | 938 | 0.13 | 1183 | 0.16 | 1153 | 0.15 |
| RESEARCH I | 1783 | 0.50 | 4107 | 1.16 | 3299 | 0.93 | 3788 | 1.07 |
| RESEARCH II | 439 | 0.20 | 912 | 0.41 | 1040 | 0.46 | 1679 | 0.75 |
| TOTAL PRIVATE | 4642 | 0.12 | 14224 | 0.38 | 14150 | 0.38 | 16183 | 0.43 |

TABLE 18

DOCTORAL PRODUCTIVITY BY LEVEL OF SELECTIVITY

| AVERAGE SAT/ACT | ALL FIELDS | HUMANITIES | EDUCATION | ALL SCIENCE | ENGINEERING | MATH-PHYSICAL SCIENCE | LIFE SCIENCE | SOCIAL SCIENCE |
|---|---|---|---|---|---|---|---|---|
| < 18 | 0.50 | 0.03 | 0.20 | 0.23 | 0.01 | 0.04 | 0.10 | 0.09 |
| 18-19 | 0.65 | 0.06 | 0.20 | 0.35 | 0.02 | 0.09 | 0.12 | 0.12 |
| 20-21 | 0.71 | 0.07 | 0.19 | 0.41 | 0.03 | 0.10 | 0.14 | 0.14 |
| 22-23 | 1.01 | 0.09 | 0.18 | 0.69 | 0.06 | 0.16 | 0.24 | 0.23 |
| 24-25 | 1.79 | 0.18 | 0.19 | 1.36 | 0.15 | 0.32 | 0.48 | 0.41 |
| 26-27 | 2.52 | 0.30 | 0.18 | 1.95 | 0.25 | 0.53 | 0.55 | 0.63 |
| > 27 | 5.90 | 0.94 | 0.21 | 4.63 | 0.55 | 1.48 | 1.25 | 1.35 |

TABLE 19
TOP 5% IN ALL-FIELDS
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 2577 | 3.70 | U. OF CALIFORNIA-BERKELEY |
| 2 | 1967 | 5.34 | CORNELL U. NY |
| 3 | 1958 | 14.26 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 1903 | 3.06 | U. OF MICHIGAN |
| 5 | 1875 | 2.58 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 6 | 1840 | 2.85 | U. OF WISCONSIN-MADISON |
| 7 | 1693 | 2.94 | U. OF CALIFORNIA-LOS ANGELES |
| 8 | 1616 | 7.86 | HARVARD-RADCLIFFE MA |
| 9 | 1597 | 1.69 | MICHIGAN STATE U. |
| 10 | 1581 | 1.71 | PENNSYLVANIA STATE U. |
| 11 | 1426 | 1.61 | U. OF TEXAS AT AUSTIN |
| 12 | 1352 | 1.56 | OHIO STATE U. |
| 13 | 1305 | 2.26 | PURDUE U. IN |
| 14 | 1281 | 2.52 | RUTGERS U. NJ |
| 15 | 1264 | 1.66 | U. OF MINNESOTA-TWIN CITIES |
| 16 | 1200 | 5.58 | STANFORD U. CA |
| 17 | 1163 | 1.65 | U. OF MARYLAND COLLEGE PARK |
| 18 | 1103 | 1.54 | U. OF WASHINGTON |
| 19 | 1088 | 3.17 | U. OF CALIFORNIA-DAVIS |
| 20 | 1068 | 6.79 | YALE U. CT |
| 21 | 1035 | 3.78 | U. OF PENNSYLVANIA |

TABLE 19
TOP 5% IN ALL-FIELDS
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| 22 | 1026 | 4.35 | SUNY U. AT STONY BROOK |
| 23 | 1011 | 2.90 | SUNY U. AT BUFFALO |
| 24 | 987 | 1.79 | INDIANA U.-BLOOMINGTON |
| | 987 | 7.84 | PRINCETON U. NJ |
| 26 | 951 | 1.83 | BRIGHAM YOUNG U. UT |
| 27 | 932 | 6.25 | BROWN U. RI |
| 28 | 922 | 1.54 | U. OF FLORIDA |
| 29 | 913 | 1.84 | U. OF MASSACHUSETTS AT AMHERST |
| 30 | 892 | 2.58 | U. OF CALIFORNIA-SANTA BARBARA |
| 31 | 850 | 5.32 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 32 | 847 | 6.07 | U. OF ROCHESTER NY |
| 33 | 840 | 6.24 | U. OF CALIFORNIA-SAN DIEGO |
| 34 | 811 | 1.78 | U. OF COLORADO AT BOULDER |
| 35 | 788 | 2.01 | U. OF NORTH CAROLINA AT CHAPEL HILL |
| 36 | 776 | 4.40 | DUKE U. NC |
| 37 | 775 | 3.55 | NORTHWESTERN U. IL |
| 38 | 766 | 2.65 | CUNY CITY C. NY |
| 39 | 756 | 1.71 | IOWA STATE U. OF SCIENCE & TECHNOLOGY |
| 40 | 750 | 1.99 | CUNY BROOKLYN C. NY |
| 41 | 745 | 11.43 | U. OF CHICAGO IL |
| 42 | 725 | 1.66 | U. OF MISSOURI-COLUMBIA |

TABLE 19
TOP 5% IN ALL-FIELDS
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| 43 | 706 | 1.94 | U. OF KANSAS |
| 44 | 705 | 1.70 | U. OF PITTSBURGH PA |
| 45 | 691 | 2.31 | NEW YORK U. |
| 46 | 689 | 1.67 | CUNY QUEENS C. NY |
| 47 | 688 | 1.76 | U. OF CONNECTICUT |
| | 688 | 1.45 | FLORIDA STATE U. |
| 49 | 670 | 29.55 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 50 | 662 | 1.67 | BOSTON U. MA |
| 51 | 656 | 8.13 | OBERLIN C. OH |
| 52 | 655 | 2.45 | U. OF VIRGINIA |
| 53 | 632 | 5.49 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 54 | 627 | 1.66 | VIRGINIA POLYTECHNIC INSTITUTE |
| 55 | 622 | 2.14 | U. OF DELAWARE |
| | 622 | 2.96 | U. OF NOTRE DAME IN |
| 57 | 616 | 5.84 | CASE WESTERN RESERVE U. OH |
| 58 | 614 | 3.53 | U. OF CALIFORNIA-IRVINE |
| 59 | 612 | 4.52 | U. OF CALIFORNIA-SANTA CRUZ |
| | 612 | 2.25 | SUNY U. AT ALBANY |
| 61 | 608 | 1.88 | U. OF UTAH |
| 62 | 600 | 1.48 | U. OF CINCINNATI OH |
| 63 | 599 | 1.30 | TEXAS A. & M. U. |

TABLE 19
TOP 5% IN ALL-FIELDS
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| 64 | 587 | 1.64 | U. OF IOWA |
| 65 | 577 | 1.38 | U. OF ARIZONA |
| 66 | 576 | 1.60 | LOUISIANA STATE U. & A & M |
| 67 | 569 | 1.38 | TEMPLE U. PA |
| 68 | 567 | 7.21 | RICE U. TX |
| | 567 | 1.22 | U. OF TENNESSEE |
| 70 | 563 | 1.17 | U. OF GEORGIA |
| 71 | 561 | 6.18 | JOHNS HOPKINS U. MD |
| 72 | 559 | 1.60 | COLORADO STATE U. |
| 73 | 547 | 1.50 | MIAMI U. OH |
| 74 | 541 | 1.89 | NORTH CAROLINA STATE U.-RALEIGH |
| 75 | 540 | 4.66 | U. OF CALIFORNIA-RIVERSIDE |

TABLE 20
TOP 5% IN HUMANITIES
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 348 | 1.69 | HARVARD-RADCLIFFE MA |
| 2 | 293 | 1.86 | YALE U. CT |
| 3 | 289 | 0.41 | U. OF CALIFORNIA-BERKELEY |
| 4 | 220 | 0.35 | U. OF MICHIGAN |
| 5 | 206 | 0.36 | U. OF CALIFORNIA-LOS ANGELES |
| 6 | 203 | 1.61 | PRINCETON U. NJ |
| 7 | 189 | 1.18 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 8 | 187 | 0.87 | STANFORD U. CA |
| 9 | 181 | 0.49 | CORNELL U. NY |
| 10 | 177 | 0.27 | U. OF WISCONSIN-MADISON |
| 11 | 176 | 2.18 | OBERLIN C. OH |
| 12 | 147 | 0.27 | INDIANA U.-BLOOMINGTON |
| 13 | 140 | 0.19 | U. OF ILLINOIS-URBANA-CHAMPAIGN |
| | 140 | 0.51 | U. OF PENNSYLVANIA |
| 15 | 136 | 0.91 | BROWN U. RI |
| 16 | 133 | 0.15 | U. OF TEXAS AT AUSTIN |
| 17 | 129 | 1.98 | U. OF CHICAGO IL |
| 18 | 121 | 0.87 | U. OF ROCHESTER NY |
| | 121 | 0.24 | RUTGERS U. NJ |
| 20 | 120 | 0.35 | U. OF CALIFORNIA-SANTA BARBARA |
| | 120 | 0.31 | U. OF NORTH CAROLINA AT CHAPEL HILL |

TABLE 20
TOP 5% IN HUMANITIES
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| [20] | 120 | 0.55 | NORTHWESTERN U. IL |
| 23 | 119 | 0.16 | U. OF MINNESOTA-TWIN CITIES |
| 24 | 113 | 0.64 | DUKE U. NC |
| 25 | 110 | 0.27 | CUNY QUEENS C. NY |
| 26 | 105 | 0.30 | SUNY U. AT BUFFALO |
| 27 | 101 | 0.14 | U. OF WASHINGTON |
| 28 | 99 | 0.10 | MICHIGAN STATE U. |
| 29 | 98 | 0.34 | CUNY CITY C. NY |
| 30 | 97 | 1.20 | BRANDEIS U. MA |
| | 97 | 0.32 | NEW YORK U. |
| 31 | 96 | 1.53 | WELLESLEY C. MA |
| 32 | 95 | 1.47 | BARNARD C. NY |
| | 95 | 1.19 | SMITH C. MA |
| | 95 | 1.60 | WESLEYAN U. CT |
| 36 | 94 | 0.25 | CUNY BROOKLYN C. NY |
| | 94 | 0.10 | PENNSYLVANIA STATE U. |
| | 94 | 1.42 | VASSAR C. NY |
| 39 | 93 | 0.23 | BOSTON U. MA |
| | 93 | 0.69 | U. OF CALIFORNIA-SANTA CRUZ |
| 41 | 91 | 0.17 | BRIGHAM YOUNG U. UT |
| 42 | 89 | 0.45 | FORDHAM U. NY |
| 43 | 87 | 0.12 | U. OF MARYLAND COLLEGE PARK |

TABLE 20
TOP 5% IN HUMANITIES
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| [43] | 87 | 0.52 | SUNY U. AT BINGHAMTON |
| 45 | 86 | 3.18 | BRYN MAWR C. PA |
| 46 | 84 | 0.62 | U. OF CALIFORNIA-SAN DIEGO |
| | 84 | 0.18 | FLORIDA STATE U. |
| 48 | 83 | 0.23 | U. OF KANSAS |
| | 83 | 0.35 | SUNY U. AT STONY BROOK |
| 50 | 81 | 0.23 | U. OF IOWA |
| | 81 | 0.39 | U. OF NOTRE DAME IN |
| 52 | 80 | 0.18 | U. OF COLORADO AT BOULDER |
| 53 | 77 | 0.09 | OHIO STATE U. |
| 54 | 76 | 0.44 | U. OF CALIFORNIA-IRVINE |
| 55 | 75 | 1.73 | AMHERST C. MA |
| | 75 | 0.64 | DARTMOUTH C. NH |
| | 75 | 0.61 | C. OF WILLIAM & MARY VA |
| 58 | 74 | 0.15 | U. OF MASSACHUSETTS AT AMHERST |
| 59 | 72 | 0.27 | U. OF VIRGINIA |
| 60 | 70 | 1.55 | CARLETON C. MN |
| 61 | 67 | 0.45 | GEORGETOWN U. DC |
| | 67 | 0.25 | SUNY U. AT ALBANY |
| 62 | 66 | 1.79 | SWARTHMORE C. PA |
| 63 | 65 | 0.44 | WASHINGTON U. MO |
| 64 | 64 | 1.04 | MOUNT HOLYOKE C. MA |

TABLE 20
TOP 5% IN HUMANITIES
TOTAL DOCTORATES 1970-1986

| RANK | ALL-FIELDS TOTAL | ALL-FIELDS RATIO | INSTITUTION |
|---|---|---|---|
| 65 | 63 | 0.15 | U. OF PITTSBURGH PA |
| 66 | 62 | 0.32 | BAYLOR U. TX |
| 67 | 61 | 1.51 | POMONA C. CA |
| 68 | 60 | 0.15 | TEMPLE U. PA |
| 69 | 59 | 0.15 | U. OF CINCINNATI OH |
| | 59 | 0.37 | VANDERBILT U. TN |
| 72 | 58 | 0.20 | U. OF SOUTHERN CALIFORNIA |
| | 58 | 0.18 | U. OF UTAH |
| 74 | 56 | 0.27 | CUNY HUNTER C. |
| 75 | 55 | 0.18 | U. OF OREGON |

TABLE 21
TOP 5% IN EDUCATION
TOTAL DOCTORATES 1970-1986

| RANK | EDUCATION TOTAL | EDUCATION RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 226 | 0.26 | OHIO STATE U. |
| 2 | 189 | 0.34 | INDIANA U.-BLOOMINGTON |
| 3 | 185 | 0.21 | U. OF TEXAS AT AUSTIN |
| 4 | 179 | 0.19 | MICHIGAN STATE U. |
| 5 | 170 | 0.26 | U. OF WISCONSIN-MADISON |
| 6 | 169 | 0.34 | SOUTHERN ILLINOIS U. AT CARBONDALE |
| 7 | 165 | 0.35 | FLORIDA STATE U. |
| 8 | 159 | 0.22 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 9 | 157 | 0.27 | U. OF CALIFORNIA-LOS ANGELES |
| | 157 | 0.26 | U. OF FLORIDA |
| | 157 | 0.17 | PENNSYLVANIA STATE U. |
| 12 | 155 | 0.30 | BRIGHAM YOUNG U. UT |
| 13 | 154 | 0.22 | U. OF MARYLAND COLLEGE PARK |
| 14 | 151 | 0.30 | U. OF MASSACHUSETTS AT AMHERST |
| 15 | 145 | 0.35 | TEMPLE U. PA |
| 16 | 126 | 0.30 | U. OF PITTSBURGH PA |
| 17 | 125 | 0.40 | THE U. OF ALABAMA |
| | 125 | 0.36 | SUNY U. AT BUFFALO |
| 19 | 118 | 0.19 | U. OF MICHIGAN |
| | 118 | 0.32 | OKLAHOMA STATE U. |
| 21 | 117 | 0.24 | U. OF GEORGIA |

TABLE 21
TOP 5% IN EDUCATION
TOTAL DOCTORATES 1970-1986

| RANK | EDUCATION TOTAL | EDUCATION RATIO | INSTITUTION |
|---|---|---|---|
| 22 | 114 | 0.26 | U. OF MISSOURI-COLUMBIA |
| 23 | 113 | 0.28 | BOSTON U. MA |
| 24 | 110 | 0.24 | U. OF TENNESSEE |
| | 110 | 0.26 | WAYNE STATE U. MI |
| 26 | 109 | 0.20 | ARIZONA STATE U. |
| 27 | 108 | 0.22 | WESTERN MICHIGAN U. |
| 28 | 107 | 0.19 | PURDUE U. IN |
| 29 | 106 | 0.26 | KENT STATE U. OH |
| 30 | 102 | 0.55 | EAST TEXAS STATE U. |
| | 102 | 0.28 | MIAMI U. OH |
| 32 | 101 | 0.31 | BALL STATE U. IN |
| | 101 | 0.24 | CUNY QUEENS C. NY |
| 34 | 98 | 0.14 | U. OF CALIFORNIA-BERKELEY |
| 35 | 96 | 0.19 | RUTGERS U. NJ |
| 36 | 95 | 0.12 | U. OF MINNESOTA-TWIN CITIES |
| | 95 | 0.20 | NORTHERN ILLINOIS U. |
| 38 | 93 | 0.26 | U. OF NEBRASKA-LINCOLN |
| 39 | 92 | 0.24 | U. OF NORTH CAROLINA-CHAPEL HILL |
| 40 | 91 | 0.22 | ILLINOIS STATE U. |
| | 91 | 0.20 | U. OF SOUTH FLORIDA |
| 42 | 90 | 0.23 | AUBURN U.-AUBURN AL |
| | 90 | 0.25 | BOWLING GREEN STATE U. OH |

TABLE 21
TOP 5% IN EDUCATION
TOTAL DOCTORATES 1970-1986

| RANK | EDUCATION TOTAL | EDUCATION RATIO | INSTITUTION |
|---|---|---|---|
| 44 | 88 | 0.23 | CUNY BROOKLYN C. NY |
| | 88 | 0.23 | OHIO U. |
| 46 | 87 | 0.27 | U. OF UTAH |
| 47 | 86 | 0.21 | U. OF CINCINNATI OH |
| 48 | 83 | 0.20 | U. OF HOUSTON TX |
| 49 | 80 | 0.20 | U. OF CONNECTICUT |
| | 80 | 0.28 | NORTH TEXAS STATE U. |
| 51 | 77 | 0.11 | U. OF WASHINGTON |
| 52 | 76 | 0.31 | U. OF NEW MEXICO |
| 53 | 75 | 0.39 | APPALACHIAN STATE U. NC |
| | 75 | 0.33 | INDIANA STATE U. |
| | 75 | 0.25 | NEW YORK U. |
| 56 | 73 | 0.25 | CUNY CITY C. NY |
| 57 | 72 | 0.20 | U. OF KANSAS |
| 58 | 71 | 0.18 | CALIFORNIA STATE U.-LOS ANGELES |
| | 71 | 0.23 | U. OF OREGON |
| | 71 | 0.20 | U. OF SOUTH CAROLINA |
| 61 | 70 | 0.26 | INDIANA U. OF PENNSYLVANIA |
| | 70 | 0.20 | U. OF IOWA |
| | 70 | 0.23 | SYRACUSE U. NY |

TABLE 21
TOP 5% IN EDUCATION
TOTAL DOCTORATES 1970-1986

| RANK | EDUCATION TOTAL | EDUCATION RATIO | INSTITUTION |
|---|---|---|---|
| 64 | 69 | 0.20 | U. OF CALIFORNIA-SANTA BARBARA |
| | 69 | 0.15 | U. OF COLORADO AT BOULDER |
| | 69 | 0.16 | U. OF PUERTO RICO |
| | 69 | 0.18 | VIRGINIA POLYTECHNIC INSTITUTE |
| 68 | 67 | 0.24 | U. OF PENNSYLVANIA |
| | 67 | 0.20 | WEST VIRGINIA U. |
| 70 | 66 | 0.16 | U. OF ARIZONA |
| | 66 | 0.27 | MISSISSIPPI STATE U. |
| 72 | 65 | 0.15 | CALIFORNIA STATE U.-NORTHRIDGE |
| 73 | 64 | 0.21 | U. OF OKLAHOMA |
| | 64 | 0.31 | SUNY C. AT BROCKPORT |
| 75 | 63 | 0.11 | CALIFORNIA STATE U.-LONG BEACH |
| | 63 | 0.11 | SAN DIEGO STATE U. CA |
| | 63 | 0.26 | U. OF SOUTHERN MISSISSIPPI |

TABLE 21
TOP 5% IN MATH & PHYSICAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | MATH&PHYSICAL SCIENCE TOTAL | MATH&PHYSICAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 853 | 6.21 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 2 | 553 | 0.79 | U. OF CALIFORNIA-BERKELEY |
| 3 | 411 | 18.13 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 4 | 396 | 1.93 | HARVARD-RADCLIFFE MA |
| 5 | 383 | 1.04 | CORNELL U. NY |
| 6 | 348 | 0.56 | U. OF MICHIGAN |
| 7 | 337 | 0.59 | U. OF CALIFORNIA-LOS ANGELES |
| 8 | 306 | 0.42 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 9 | 303 | 2.41 | PRINCETON U. NJ |
| 10 | 279 | 0.43 | U. OF WISCONSIN-MADISON |
| 11 | 275 | 2.39 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 12 | 257 | 0.28 | PENNSYLVANIA STATE U. |
| 13 | 250 | 1.86 | U. OF CALIFORNIA-SAN DIEGO |
| 14 | 249 | 1.16 | STANFORD U. CA |
| 15 | 229 | 0.32 | U. OF WASHINGTON |
| 16 | 228 | 1.53 | BROWN U. RI |
| 17 | 227 | 0.24 | MICHIGAN STATE U. |
| 18 | 226 | 0.96 | SUNY U. AT STONY BROOK |

TABLE 21
TOP 5% IN MATH & PHYSICAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | MATH&PHYSICAL SCIENCE TOTAL | MATH&PHYSICAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 19 | 224 | 0.44 | RUTGERS U. NJ |
| 20 | 223 | 0.39 | PURDUE U. IN |
| 21 | 217 | 3.33 | U. OF CHICAGO IL |
| 22 | 216 | 2.75 | RICE U. TX |
| 23 | 213 | 0.24 | U. OF TEXAS AT AUSTIN |
| 24 | 202 | 1.45 | U. OF ROCHESTER NY |
| 25 | 201 | 0.29 | U. OF MARYLAND COLLEGE PARK |
| 26 | 198 | 1.88 | CASE WESTERN RESERVE U. OH |
| 27 | 186 | 1.18 | YALE U. CT |
| 28 | 183 | 0.24 | U. OF MINNESOTA-TWIN CITIES |
| 29 | 182 | 1.14 | COLUMBIA U. NY [ALL DIV.EXCEPT BARNARD] |
| 30 | 165 | 0.48 | U. OF CALIFORNIA-DAVIS |
| 31 | 160 | 14.41 | HARVEY MUDD C. CA |
| 32 | 158 | 0.18 | OHIO STATE U. |
| | 158 | 0.45 | SUNY U. AT BUFFALO |
| 34 | 155 | 0.30 | BRIGHAM YOUNG U. UT |
| 35 | 154 | 0.39 | U. OF NORTH CAROLINA AT CHAPEL HILL |
| 36 | 152 | 0.87 | U. OF CALIFORNIA-IRVINE |
| | 152 | 1.29 | DARTMOUTH C. NH |
| 37 | 151 | 0.44 | U. OF CALIFORNIA-SANTA BARBARA |

TABLE 21
TOP 5% IN MATH & PHYSICAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | MATH&PHYSICAL SCIENCE TOTAL | MATH&PHYSICAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 38 | 140 | 0.49 | NORTH CAROLINA STATE U.-RALEIGH |
| 39 | 139 | 0.48 | CUNY CITY C. NY |
| 40 | 138 | 1.19 | U. OF CALIFORNIA-RIVERSIDE |
| | 138 | 3.05 | CARLETON C. MN |
| 41 | 137 | 1.49 | CARNEGIE-MELLON U. PA |
| 42 | 136 | 0.50 | U. OF PENNSYLVANIA |
| 43 | 134 | 0.29 | U. OF COLORADO AT BOULDER |
| 44 | 132 | 0.72 | GEORGIA INSTITUTE OF TECHNOLOGY |
| 45 | 129 | 0.47 | SUNY U. AT ALBANY |
| 46 | 128 | 0.29 | IOWA STATE U. OF SCIENCE & TECHNOLOGY |
| 47 | 127 | 0.30 | U. OF ARIZONA |
| 48 | 124 | 0.32 | U. OF CONNECTICUT |
| | 124 | 0.21 | U. OF FLORIDA |
| 52 | 122 | 0.58 | U. OF NOTRE DAME IN |
| 53 | 120 | 1.49 | OBERLIN C. OH |
| | 120 | 0.45 | U. OF VIRGINIA |
| 55 | 119 | 0.24 | U. OF MASSACHUSETTS AT AMHERST |
| 56 | 118 | 1.30 | JOHNS HOPKINS U. MD |

TABLE 21
TOP 5% IN MATH & PHYSICAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | MATH&PHYSICAL SCIENCE TOTAL | MATH&PHYSICAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 57 | 117 | 0.25 | FLORIDA STATE U. |
| | 117 | 0.28 | U. OF PITTSBURGH PA |
| 59 | 116 | 0.31 | CUNY BROOKLYN C. NY |
| | 116 | 0.66 | DUKE U. NC |
| | 116 | 0.21 | INDIANA U.-BLOOMINGTON |
| 62 | 115 | 0.85 | U. OF CALIFORNIA-SANTA CRUZ |
| | 115 | 0.80 | DREXEL U. PA |
| 64 | 112 | 0.37 | NEW YORK U. |
| 65 | 111 | 0.31 | U. OF KANSAS |
| 66 | 109 | 0.27 | U. OF CINCINNATI OH |
| 67 | 107 | 0.49 | NORTHWESTERN U. IL |
| 68 | 105 | 0.63 | SUNY U. AT BINGHAMTON |
| 69 | 104 | 0.22 | TEXAS A. & M. U. |
| 70 | 102 | 0.35 | U. OF DELAWARE |
| 71 | 101 | 0.27 | VIRGINIA POLYTECHNIC INSTITUTE |
| | 101 | 0.82 | C. OF WILLIAM & MARY VA |
| 73 | 97 | 0.21 | U. OF SOUTH FLORIDA |
| 74 | 96 | 0.65 | WASHINGTON U. MO |
| 75 | 94 | 0.22 | U. OF MISSOURI-COLUMBIA |

TABLE 21
TOP 5% IN LIFE SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 701 | 1.01 | U. OF CALIFORNIA-BERKELEY |
| 2 | 685 | 1.86 | CORNELL U. NY |
| 3 | 600 | 1.75 | U. OF CALIFORNIA-DAVIS |
| 4 | 566 | 0.88 | U. OF WISCONSIN-MADISON |
| 5 | 552 | 0.60 | PENNSYLVANIA STATE U. |
| 6 | 542 | 0.57 | MICHIGAN STATE U. |
| 7 | 530 | 0.73 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 8 | 461 | 0.74 | U. OF MICHIGAN |
| 9 | 458 | 0.53 | OHIO STATE U. |
| 10 | 419 | 0.82 | RUTGERS U. NJ |
| 11 | 412 | 0.71 | PURDUE U. IN |
| 12 | 388 | 0.51 | U. OF MINNESOTA-TWIN CITIES |
| 13 | 365 | 0.63 | U. OF CALIFORNIA-LOS ANGELES |
| 14 | 343 | 1.67 | HARVARD-RADCLIFFE MA |
| 15 | 308 | 0.44 | U. OF MARYLAND COLLEGE PARK |
| 16 | 305 | 0.69 | IOWA STATE U. OF SCIENCE & TECHNOLOGY |
| 17 | 295 | 2.19 | U. OF CALIFORNIA-SAN DIEGO |
| 18 | 290 | 2.11 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 19 | 279 | 0.31 | U. OF TEXAS AT AUSTIN |

TABLE 21
TOP 5% IN LIFE SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 20 | 277 | 0.79 | COLORADO STATE U. |
| | 277 | 1.29 | STANFORD U. CA |
| 22 | 274 | 0.79 | U. OF CALIFORNIA-SANTA BARBARA |
| | 274 | 0.38 | U. OF WASHINGTON |
| 24 | 272 | 0.55 | U. OF MASSACHUSETTS AT AMHERST |
| 25 | 262 | 0.57 | TEXAS A. & M. U. |
| 26 | 261 | 1.11 | SUNY U. AT STONY BROOK |
| 27 | 246 | 0.90 | U. OF PENNSYLVANIA |
| 28 | 238 | 0.61 | U. OF CONNECTICUT |
| 29 | 234 | 0.39 | U. OF FLORIDA |
| 30 | 227 | 0.44 | BRIGHAM YOUNG U. UT |
| 31 | 224 | 0.64 | SUNY U. AT BUFFALO |
| 32 | 223 | 0.40 | INDIANA U.-BLOOMINGTON |
| 33 | 222 | 1.28 | U. OF CALIFORNIA-IRVINE |
| 34 | 215 | 1.22 | DUKE U. NC |
| 35 | 211 | 1.34 | YALE U. CT |
| 36 | 206 | 0.45 | U. OF COLORADO AT BOULDER |
| 37 | 202 | 0.69 | U. OF DELAWARE |
| 38 | 201 | 0.46 | U. OF MISSOURI-COLUMBIA |
| 39 | 197 | 2.17 | JOHNS HOPKINS U. MD |
| 40 | 189 | 0.50 | VIRGINIA POLYTECHNIC INSTITUTE |
| 41 | 186 | 1.60 | U. OF CALIFORNIA-RIVERSIDE |

TABLE 21
TOP 5% IN LIFE SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 42 | 185 | 0.56 | KANSAS STATE U. |
| 43 | 182 | 0.51 | LOUISIANA STATE U. & A & M |
| | 182 | 0.64 | NORTH CAROLINA STATE U.-RALEIGH |
| | 182 | 0.47 | U. OF NORTH CAROLINA AT CHAPEL HILL |
| 46 | 180 | 0.37 | U. OF GEORGIA |
| 47 | 177 | 1.19 | BROWN U. RI |
| 48 | 176 | 2.70 | U. OF CHICAGO IL |
| 49 | 175 | 1.25 | U. OF ROCHESTER NY |
| 50 | 174 | 0.51 | OREGON STATE U. |
| 51 | 169 | 1.25 | U. OF CALIFORNIA-SANTA CRUZ |
| | 169 | 0.49 | WASHINGTON STATE U. |
| 53 | 163 | 0.44 | OKLAHOMA STATE U. |
| | 159 | 0.58 | SUNY U. AT ALBANY |
| 55 | 158 | 0.44 | U. OF NEBRASKA-LINCOLN |
| 56 | 152 | 0.42 | U. OF KANSAS |
| 57 | 150 | 0.38 | BOSTON U. MA |
| | 150 | 0.63 | U. OF RHODE ISLAND |
| 59 | 149 | 0.36 | U. OF ARIZONA |
| 60 | 145 | 0.40 | MIAMI U. OH |
| | 145 | 0.66 | NORTHWESTERN U. IL |
| 62 | 143 | 0.38 | CUNY BROOKLYN C. NY |

TABLE 21
TOP 5% IN LIFE SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 63 | 140 | 0.39 | U. OF IOWA |
| 64 | 136 | 0.33 | U. OF PITTSBURGH PA |
| | 136 | 0.29 | U. OF TENNESSEE |
| 66 | 134 | 0.50 | U. OF VIRGINIA |
| 67 | 132 | 0.63 | U. OF NOTRE DAME IN |
| 68 | 129 | 1.02 | PRINCETON U. NJ |
| 69 | 120 | 0.75 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 70 | 118 | 0.62 | U. OF VERMONT |
| 71 | 117 | 0.23 | SOUTHERN ILLINOIS U. AT CARBONDALE |
| 72 | 115 | 0.47 | U. OF NEW HAMPSHIRE |
| | 115 | 0.77 | WASHINGTON U. MO |
| 74 | 114 | 0.38 | NEW YORK U. |
| 75 | 113 | 0.34 | U. OF ILLINOIS AT CHICAGO |
| | 113 | 1.40 | OBERLIN C. OH |
| | 113 | 0.29 | TEXAS TECH U. |

TABLE 21
TOP 5% IN SOCIAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 632 | 0.91 | U. OF CALIFORNIA-BERKELEY |
| 2 | 467 | 0.75 | U. OF MICHIGAN |
| 3 | 453 | 0.79 | U. OF CALIFORNIA-LOS ANGELES |
| 4 | 418 | 2.03 | HARVARD-RADCLIFFE MA |
| 5 | 363 | 0.41 | U. OF TEXAS AT AUSTIN |
| 6 | 361 | 0.56 | U. OF WISCONSIN-MADISON |
| 7 | 358 | 0.97 | CORNELL U. NY |
| 8 | 348 | 0.37 | MICHIGAN STATE U. |
| 9 | 330 | 1.40 | SUNY U. AT STONY BROOK |
| 10 | 328 | 1.20 | U. OF PENNSYLVANIA |
| 11 | 315 | 0.43 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 12 | 305 | 1.42 | STANFORD U. CA |
| 13 | 295 | 1.88 | YALE U. CT |
| 14 | 294 | 0.58 | RUTGERS U. NJ |
| 15 | 288 | 0.41 | U. OF MARYLAND COLLEGE PARK |
| 16 | 286 | 0.40 | U. OF WASHINGTON |
| 17 | 285 | 0.76 | CUNY BROOKLYN C. NY |
| 18 | 276 | 0.79 | SUNY U. AT BUFFALO |
| 19 | 275 | 0.67 | CUNY QUEENS C. NY |
| 20 | 270 | 0.29 | PENNSYLVANIA STATE U. |
| 21 | 266 | 0.92 | CUNY CITY C. NY |

TABLE 21
TOP 5% IN SOCIAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 22 | 264 | 1.77 | BROWN U. RI |
| 23 | 261 | 0.34 | U. OF MINNESOTA-TWIN CITIES |
| 24 | 254 | 0.46 | INDIANA U.-BLOOMINGTON |
| 25 | 245 | 0.82 | NEW YORK U. |
| 26 | 244 | 0.28 | OHIO STATE U. |
| 27 | 236 | 1.69 | U. OF ROCHESTER NY |
| 28 | 220 | 0.48 | U. OF COLORADO AT BOULDER |
| 29 | 210 | 0.61 | U. OF CALIFORNIA-SANTA BARBARA |
| 30 | 207 | 0.35 | U. OF FLORIDA |
| 31 | 206 | 0.94 | NORTHWESTERN U. IL |
| | 206 | 1.64 | PRINCETON U. NJ |
| 33 | 205 | 0.52 | BOSTON U. MA |
| 34 | 203 | 0.41 | U. OF MASSACHUSETTS AT AMHERST |
| 35 | 201 | 1.26 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| | 201 | 1.14 | DUKE U. NC |
| 37 | 197 | 1.46 | U. OF CALIFORNIA-SANTA CRUZ |
| 38 | 194 | 0.37 | BRIGHAM YOUNG U. UT |
| | 194 | 0.53 | U. OF KANSAS |
| 40 | 191 | 2.37 | OBERLIN C. OH |
| 41 | 189 | 0.48 | U. OF NORTH CAROLINA-CHAPEL HILL |

TABLE 21
TOP 5% IN SOCIAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 42 | 185 | 2.29 | BRANDEIS U. MA |
| | 185 | 2.84 | U. OF CHICAGO IL |
| 44 | 184 | 0.44 | U. OF PITTSBURGH PA |
| 45 | 180 | 0.30 | SAN DIEGO STATE U. CA |
| 46 | 176 | 1.06 | SUNY U. AT BINGHAMTON |
| 47 | 165 | 0.35 | FLORIDA STATE U. |
| | 165 | 0.62 | U. OF VIRGINIA |
| 49 | 164 | 0.40 | TEMPLE U. PA |
| 50 | 159 | 0.58 | SUNY U. AT ALBANY |
| 51 | 155 | 2.38 | CLARK U. MA |
| 52 | 151 | 0.35 | U. OF MISSOURI-COLUMBIA |
| 53 | 150 | 0.42 | U. OF IOWA |
| | 150 | 0.48 | SYRACUSE U. NY |
| 55 | 147 | 0.32 | U. OF SOUTH FLORIDA |
| 56 | 141 | 0.41 | U. OF CALIFORNIA-DAVIS |
| | 141 | 0.33 | CALIFORNIA STATE U.-NORTHRIDGE |
| 57 | 140 | 1.04 | U. OF CALIFORNIA-SAN DIEGO |
| | 140 | 0.24 | PURDUE U. IN |
| 60 | 139 | 0.43 | U. OF UTAH |
| 61 | 138 | 2.14 | BARNARD C. NY |
| 62 | 137 | 1.06 | TUFTS U. MA |
| | 137 | 0.92 | WASHINGTON U. MO |

TABLE 21
TOP 5% IN SOCIAL SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 64 | 136 | 0.33 | U. OF HOUSTON TX |
| | 136 | 0.65 | U. OF NOTRE DAME IN |
| 66 | 134 | 1.16 | U. OF CALIFORNIA-RIVERSIDE |
| 67 | 133 | 0.33 | U. OF CINCINNATI OH |
| 68 | 131 | 0.27 | U. OF GEORGIA |
| | 131 | 0.71 | LOYOLA U. OF CHICAGO IL |
| 70 | 130 | 0.65 | FORDHAM U. NY |
| | 130 | 0.87 | GEORGETOWN U. DC |
| 72 | 129 | 0.35 | MIAMI U. OH |
| 73 | 128 | 0.23 | ARIZONA STATE U. |
| 74 | 127 | 0.30 | U. OF ARIZONA |
| | 127 | 0.61 | CUNY HUNTER C. |
| | 127 | 0.44 | U. OF DELAWARE |

TABLE 21
TOP 5% IN ENGINEERING
TOTAL DOCTORATES 1970-1986

| RANK | ENGINEERING TOTAL | ENGINEERING RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 607 | 4.42 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 2 | 340 | 0.59 | PURDUE U. IN |
| 3 | 309 | 0.43 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 4 | 266 | 0.72 | CORNELL U. NY |
| 5 | 251 | 0.36 | U. OF CALIFORNIA-BERKELEY |
| 6 | 228 | 0.37 | U. OF MICHIGAN |
| 7 | 208 | 1.81 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 8 | 198 | 0.31 | U. OF WISCONSIN-MADISON |
| 9 | 181 | 0.20 | PENNSYLVANIA STATE U. |
| 10 | 169 | 0.45 | VIRGINIA POLYTECHNIC INSTITUTE |
| 11 | 155 | 0.17 | U. OF TEXAS AT AUSTIN |
| 12 | 153 | 0.20 | U. OF MINNESOTA-TWIN CITIES |
| 13 | 140 | 0.24 | U. OF CALIFORNIA-LOS ANGELES |
| 14 | 129 | 5.69 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 15 | 126 | 1.37 | CARNEGIE-MELLON U. PA |
| 16 | 125 | 0.28 | IOWA STATE U. OF SCIENCE & TECHNOLOGY |
| 17 | 123 | 0.43 | NORTH CAROLINA STATE U.-RALEIGH |
| 18 | 120 | 1.08 | U. OF MISSOURI-ROLLA |

TABLE 21
TOP 5% IN ENGINEERING
TOTAL DOCTORATES 1970-1986

| RANK | ENGINEERING TOTAL | ENGINEERING RATIO | INSTITUTION |
|---|---|---|---|
| 19 | 117 | 0.63 | GEORGIA INSTITUTE OF TECHNOLOGY |
| | 117 | 0.12 | MICHIGAN STATE U. |
| 21 | 116 | 1.10 | CASE WESTERN RESERVE U. OH |
| 22 | 110 | 0.24 | TEXAS A. & M. U. |
| 23 | 106 | 0.84 | PRINCETON U. NJ |
| 24 | 105 | 0.48 | NORTHWESTERN U. IL |
| 25 | 104 | 1.32 | RICE U. TX |
| | 104 | 0.48 | STANFORD U. CA |
| 27 | 103 | 0.64 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 28 | 102 | 0.20 | RUTGERS U. NJ |
| | 102 | 0.14 | U. OF WASHINGTON |
| 30 | 101 | 0.17 | U. OF FLORIDA |
| | 101 | 0.12 | OHIO STATE U. |
| 32 | 97 | 0.67 | DREXEL U. PA |
| | 97 | 0.46 | U. OF NOTRE DAME IN |
| 34 | 96 | 0.36 | U. OF VIRGINIA |
| 35 | 94 | 0.29 | U. OF UTAH |
| 36 | 93 | 0.21 | U. OF MISSOURI-COLUMBIA |
| 37 | 91 | 0.31 | U. OF DELAWARE |
| 38 | 89 | 1.30 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 39 | 87 | 0.78 | LEHIGH U. PA |

TABLE 21
TOP 5% IN ENGINEERING
TOTAL DOCTORATES 1970-1986

| RANK | ENGINEERING TOTAL | ENGINEERING RATIO | INSTITUTION |
|---|---|---|---|
| 40 | 81 | 0.24 | U. OF CALIFORNIA-DAVIS |
| | 81 | 0.12 | U. OF MARYLAND COLLEGE PARK |
| 42 | 79 | 0.69 | MICHIGAN TECHNOLOGICAL U. |
| | 79 | 0.29 | U. OF PENNSYLVANIA |
| 44 | 78 | 0.19 | U. OF CINCINNATI OH |
| 45 | 77 | 0.52 | BROWN U. RI |
| | 77 | 0.17 | U. OF TENNESSEE |
| 47 | 76 | 0.20 | OKLAHOMA STATE U. |
| 48 | 75 | 0.16 | U. OF COLORADO AT BOULDER |
| | 75 | 0.21 | SUNY U. AT BUFFALO |
| 50 | 73 | 0.25 | CUNY CITY C. NY |
| 51 | 67 | 0.13 | BRIGHAM YOUNG U. UT |
| | 67 | 0.20 | U. OF ILLINOIS AT CHICAGO |
| 53 | 62 | 0.17 | LOUISIANA STATE U. & A & M |
| 54 | 61 | 0.67 | JOHNS HOPKINS U. MD |
| 55 | 60 | 1.22 | ALFRED U. NY |
| | 60 | 1.24 | POLYTECHNIC INSTITUTE OF NEW YORK |
| 57 | 59 | 0.17 | U. OF CALIFORNIA-SANTA BARBARA |
| | 59 | 0.70 | CLARKSON C. OF TECHNOLOGY NY |
| | 59 | 0.33 | DUKE U. NC |
| 60 | 58 | 0.16 | U. OF KANSAS |
| | 58 | 0.12 | U. OF MASSACHUSETTS AT AMHERST |

TABLE 21
TOP 5% IN ENGINEERING
TOTAL DOCTORATES 1970-1986

| RANK | ENGINEERING TOTAL | ENGINEERING RATIO | INSTITUTION |
|---|---|---|---|
| 62 | 57 | 0.38 | WASHINGTON U. MO |
| 63 | 55 | 0.17 | KANSAS STATE U. |
| | 55 | 0.14 | TEXAS TECH U. |
| 65 | 54 | 0.23 | SUNY U. AT STONY BROOK |
| 66 | 53 | 0.13 | U. OF PITTSBURGH PA |
| 67 | 51 | 1.85 | COOPER UNION NY |
| | 51 | 0.37 | U. OF ROCHESTER NY |
| 69 | 50 | 0.15 | OREGON STATE U. |
| | 50 | 0.94 | WORCESTER POLYTECHNIC INSTITUTE MA |
| 71 | 49 | 0.17 | U. OF SOUTHERN CALIFORNIA |
| 72 | 48 | 0.36 | U. OF CALIFORNIA-SAN DIEGO |
| 73 | 46 | 1.27 | COLORADO SCHOOL OF MINES |
| | 46 | 0.15 | U. OF OKLAHOMA |
| 75 | 45 | 0.12 | U. OF CONNECTICUT |
| | 45 | 0.35 | TUFTS U. MA |

TABLE 21
TOP 5% IN ALL-SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | ALL-SCIENCE TOTAL | ALL-SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 1 | 2137 | 3.07 | U. OF CALIFORNIA-BERKELEY |
| 2 | 1870 | 13.62 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 3 | 1692 | 4.60 | CORNELL U. NY |
| 4 | 1504 | 2.42 | U. OF MICHIGAN |
| 5 | 1460 | 2.01 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| 6 | 1404 | 2.17 | U. OF WISCONSIN-MADISON |
| 7 | 1295 | 2.25 | U. OF CALIFORNIA-LOS ANGELES |
| 8 | 1260 | 1.36 | PENNSYLVANIA STATE U. |
| 9 | 1234 | 1.31 | MICHIGAN STATE U. |
| 10 | 1200 | 5.83 | HARVARD-RADCLIFFE MA |
| 11 | 1115 | 1.93 | PURDUE U. IN |
| 12 | 1039 | 2.04 | RUTGERS U. NJ |
| 13 | 1010 | 1.14 | U. OF TEXAS AT AUSTIN |
| 14 | 987 | 2.87 | U. OF CALIFORNIA-DAVIS |
| 15 | 985 | 1.29 | U. OF MINNESOTA-TWIN CITIES |
| 16 | 961 | 1.11 | OHIO STATE U. |
| 17 | 935 | 4.35 | STANFORD U. CA |
| 18 | 891 | 1.24 | U. OF WASHINGTON |
| 19 | 878 | 1.25 | U. OF MARYLAND COLLEGE PARK |
| 20 | 871 | 3.69 | SUNY U. AT STONY BROOK |
| 21 | 789 | 2.88 | U. OF PENNSYLVANIA |

TABLE 21
TOP 5% IN ALL-SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | ALL-SCIENCE TOTAL | ALL-SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 22 | 746 | 5.00 | BROWN U. RI |
| 23 | 744 | 5.91 | PRINCETON U. NJ |
| 24 | 733 | 5.44 | U. OF CALIFORNIA-SAN DIEGO |
| | 733 | 2.10 | SUNY U. AT BUFFALO |
| 26 | 730 | 4.64 | YALE U. CT |
| 27 | 694 | 2.01 | U. OF CALIFORNIA-SANTA BARBARA |
| 28 | 666 | 1.11 | U. OF FLORIDA |
| 29 | 664 | 29.29 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| | 664 | 4.76 | U. OF ROCHESTER NY |
| 31 | 661 | 1.49 | IOWA STATE U. OF SCIENCE & TECHNOLOGY |
| 32 | 652 | 1.32 | U. OF MASSACHUSETTS AT AMHERST |
| 33 | 643 | 1.23 | BRIGHAM YOUNG U. UT |
| 34 | 635 | 1.39 | U. OF COLORADO AT BOULDER |
| 35 | 619 | 5.38 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 36 | 606 | 3.79 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 37 | 599 | 1.09 | INDIANA U.-BLOOMINGTON |
| 38 | 591 | 3.35 | DUKE U. NC |
| 39 | 585 | 8.98 | U. OF CHICAGO IL |
| 40 | 584 | 2.02 | CUNY CITY C. NY |
| 41 | 563 | 2.58 | NORTHWESTERN U. IL |

TABLE 21
TOP 5% IN ALL-SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | ALL-SCIENCE TOTAL | ALL-SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 42 | 546 | 1.45 | CUNY BROOKLYN C. NY |
| 43 | 539 | 1.23 | U. OF MISSOURI-COLUMBIA |
| 44 | 538 | 1.37 | U. OF NORTH CAROLINA AT CHAPEL HILL |
| 45 | 532 | 1.36 | U. OF CONNECTICUT |
| 46 | 527 | 5.00 | CASE WESTERN RESERVE U. OH |
| | 527 | 1.39 | VIRGINIA POLYTECHNIC INSTITUTE |
| 48 | 523 | 1.13 | TEXAS A. & M. U. |
| 49 | 522 | 1.80 | U. OF DELAWARE |
| 50 | 515 | 2.96 | U. OF CALIFORNIA-IRVINE |
| | 515 | 1.42 | U. OF KANSAS |
| | 515 | 1.93 | U. OF VIRGINIA |
| 53 | 499 | 1.67 | NEW YORK U. |
| 54 | 491 | 6.25 | RICE U. TX |
| 55 | 490 | 1.18 | U. OF PITTSBURGH PA |
| 56 | 488 | 5.37 | JOHNS HOPKINS U. MD |
| 57 | 487 | 2.32 | U. OF NOTRE DAME IN |
| 58 | 486 | 3.59 | U. OF CALIFORNIA-SANTA CRUZ |
| | 486 | 1.70 | NORTH CAROLINA STATE U.-RALEIGH |
| 60 | 468 | 1.34 | COLORADO STATE U. |
| 61 | 464 | 4.00 | U. OF CALIFORNIA-RIVERSIDE |
| 62 | 458 | 1.68 | SUNY U. AT ALBANY |
| 63 | 444 | 1.08 | CUNY QUEENS C. NY |

TABLE 21
TOP 5% IN ALL-SCIENCE
TOTAL DOCTORATES 1970-1986

| RANK | ALL-SCIENCE TOTAL | ALL-SCIENCE RATIO | INSTITUTION |
|---|---|---|---|
| 64 | 442 | 1.11 | BOSTON U. MA |
| 65 | 441 | 1.06 | U. OF ARIZONA |
| 66 | 433 | 1.20 | LOUISIANA STATE U. & A & M |
| 67 | 432 | 1.33 | U. OF UTAH |
| 68 | 430 | 1.06 | U. OF CINCINNATI OH |
| | 430 | 5.33 | OBERLIN C. OH |
| 70 | 405 | 1.13 | U. OF IOWA |
| | 405 | 2.72 | WASHINGTON U. MO |
| 72 | 390 | 0.82 | FLORIDA STATE U. |
| 73 | 388 | 2.33 | SUNY U. AT BINGHAMTON |
| 74 | 387 | 1.15 | U. OF ILLINOIS AT CHICAGO |
| 75 | 374 | 3.19 | DARTMOUTH C. NH |
| | 374 | 0.80 | U. OF TENNESSEE |

APPENDIX A

INDEX OF LEADING UNDERGRADUATE SOURCES OF 1970-1986 DOCTORATES AWARDED TO 1970-1986 BACCALAUREATE RECIPIENTS

| INSTITUTION | LIST |
|---|---|
| AGNES SCOTT C. GA | RATIOS: HUM,ED |
| THE U. OF ALABAMA | RATIOS: ED<br>TOTALS: ED |
| ALBANY STATE C. GA | RATIOS: ED |
| ALBERTUS MAGNUS C. CT | RATIOS: ED |
| ALFRED U. NY | RATIOS: ENG<br>TOTALS: ENG |
| ALLEGHENY C. PA | RATIOS: MAP |
| AMHERST C. MA | RATIOS: ALL, MAP,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| ANDREWS U. MI | RATIOS: ED |
| APPALACHIAN STATE U. NC | RATIOS: ED<br>TOTALS: ED |
| U. OF ARIZONA | TOTALS: ALL,MAP,LIF,SOC,SCI,ED |
| ARIZONA STATE U. | TOTALS: SOC,ED |
| ASSUMPTION C. MA | RATIOS: ED |
| ATLANTIC UNION C. MA | RATIOS: ED |
| AUBURN U.-AUBURN AL | TOTALS: ED |
| AUGUSTA C. GA | RATIOS: ED |
| AUSTIN C. TX | RATIOS: LIF,ED |
| BALL STATE U. IN | TOTALS: ED |
| BARD C. NY | RATIOS: SOC,HUM |

| | |
|---|---|
| BARNARD C. NY | RATIOS: ALL,LIF,SOC,SCI,HUM<br>TOTALS: SOC,HUM |
| BATES C. ME | RATIOS: ALL,MAP,LIF,SCI |
| BAYLOR U. TX | TOTALS: HUM |
| BELOIT C. WI | RATIOS: ALL,MAP,SOC,SCI,HUM |
| BENNINGTON C. VT | RATIOS: HUM |
| BEREA C. KY | RATIOS: ED |
| BETHANY NAZARENE C. OK | RATIOS: ED |
| BLUFFTON C. OH | RATIOS: ED |
| BOSTON U. MA | TOTALS: ALL,LIF,SOC,SCI,HUM,ED |
| BOWDOIN C. ME | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| BOWIE STATE C. MD | RATIOS: ED |
| BOWLING GREEN STATE U.OH | TOTALS: ED |
| BRANDEIS U. MA | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>TOTALS: SOC,HUM |
| BRIDGEWATER C. VA | RATIOS: ED |
| BRIGHAM YOUNG U. UT | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| BRIGHAM YOUNG U.-<br>HAWAII CAMPUS | RATIOS: ED |
| BROWN U. RI | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| BRYN MAWR C. PA | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| BUCKNELL U. PA | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| U. OF CALIFORNIA-BERKELEY | RATIOS: ALL,ENG,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |

| | |
|---|---|
| U. OF CALIFORNIA-DAVIS | RATIOS: ENG,LIF,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI |
| U. OF CALIFORNIA-IRVINE | RATIOS: ALL,MAP,LIF,SCI<br>TOTALS: ALL,MAP,LIF,SCI,HUM |
| U. OF CALIFORNIA-LOS ANGELES | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF CALIFORNIA-RIVERSIDE | RATIOS: ALL,MAP,LIF,SOC, SCI<br>TOTALS: ALL,MAP,LIF,SOC,SCI |
| U. OF CALIFORNIA-SAN DIEGO | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF CALIFORNIA-SANTA BARBARA | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF CALIFORNIA-SANTA CRUZ | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| CALIFORNIA INSTITUTE OF TECHNOLOGY | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,SCI |
| CALIFORNIA U. OF PENNSYLVANIA | RATIOS: ED |
| CALIFORNIA STATE U.-LONG BEACH | TOTALS: ED |
| CALIFORNIA STATE U.-LOS ANGELES | TOTALS: ED |
| CALIFORNIA STATE U.-NORTHRIDGE | TOTALS: SOC,ED |
| CALVIN C. MI | RATIOS: HUM |
| CARLETON C. MN | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: MAP,HUM |
| CARLOW C. PA | RATIOS: ED |
| CARNEGIE-MELLON U. PA | RATIOS: ALL,ENG,MAP,SCI<br>TOTALS: ENG,MAP |

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| CASE WESTERN RESERVE U. OH | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,SCI |
| CATHEDRAL C. OF THE IMMACULATE SEM. NY | RATIOS: SOC |
| CATHOLIC U. OF AMERICA DC | RATIOS: ENG,ED |
| CENTENARY C. OF LOUISIANA | RATIOS: HUM |
| CENTRE C. OF KENTUCKY | RATIOS: MAP |
| CHATHAM C. PA | RATIOS: ED |
| U. OF CHICAGO IL | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| U. OF CINCINNATI OH | TOTALS: ALL,ENG,MAP,SOC,SCI,HUM,ED |
| CUNY BROOKLYN C. NY | TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| CUNY CITY C. NY | RATIOS: ENG,SOC<br>TOTALS: ALL,ENG,MAP,SOC,SCI,HUM,ED |
| CUNY HUNTER C. | TOTALS: SOC,HUM |
| CUNY QUEENS C. NY | TOTALS: ALL,SOC,SCI,HUM,ED |
| CLAREMONT MCKENNA C CA | RATIOS: SOC |
| CLARK U. MA | RATIOS: ALL,SOC,SCI,ED<br>TOTALS: SOC |
| CLARKSON C. OF TECHNOLOGY NY | RATIOS: ENG<br>TOTALS: ENG |
| CLEVELAND INSTITUTE OF MUSIC OH | RATIOS: HUM |
| COLBY C. ME | RATIOS: LIF |
| COLGATE U. NY | RATIOS: LIF |
| U. OF COLORADO AT BOULDER | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |

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| CASE WESTERN RESERVE U. OH | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,SCI |
| CATHEDRAL C. OF THE IMMACULATE SEM. NY | RATIOS: SOC |
| CATHOLIC U. OF AMERICA DC | RATIOS: ENG,ED |
| CENTENARY C. OF LOUISIANA | RATIOS: HUM |
| CENTRE C. OF KENTUCKY | RATIOS: MAP |
| CHATHAM C. PA | RATIOS: ED |
| U. OF CHICAGO IL | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| U. OF CINCINNATI OH | TOTALS: ALL,ENG,MAP,SOC,SCI,HUM,ED |
| CUNY BROOKLYN C. NY | TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| CUNY CITY C. NY | RATIOS: ENG,SOC<br>TOTALS: ALL,ENG,MAP,SOC,SCI,HUM,ED |
| CUNY HUNTER C. | TOTALS: SOC,HUM |
| CUNY QUEENS C. NY | TOTALS: ALL,SOC,SCI,HUM,ED |
| CLAREMONT MCKENNA C CA | RATIOS: SOC |
| CLARK U. MA | RATIOS: ALL,SOC,SCI,ED<br>TOTALS: SOC |
| CLARKSON C. OF TECHNOLOGY NY | RATIOS: ENG<br>TOTALS: ENG |
| CLEVELAND INSTITUTE OF MUSIC OH | RATIOS: HUM |
| COLBY C. ME | RATIOS: LIF |
| COLGATE U. NY | RATIOS: LIF |
| U. OF COLORADO AT BOULDER | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |

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| COLORADO SCHOOL OF MINES | RATIOS: ENG,MAP,SCI<br>TOTALS: ENG |
| COLORADO STATE U. | TOTALS: ALL,LIF,SCI |
| COLUMBIA U. NY [ALL DIV.EXCEPT BARNARD] | RATIOS: ALL,ENG,MAP,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| COLUMBUS C. GA | RATIOS: ED |
| CONCORDIA C. IL | RATIOS: ED |
| U. OF CONNECTICUT | TOTALS: ALL,ENG,MAP,LIF,SCI,ED |
| CONNECTICUT C. | RATIOS: HUM |
| COOPER UNION NY | RATIOS: ALL,ENG,MAP,SCI<br>TOTALS: ENG |
| CORNELL C. IA | RATIOS: HUM |
| CORNELL U. NY | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF DALLAS TX | RATIOS: HUM |
| DARTMOUTH C. NH | RATIOS: ALL,MAP,SCI,HUM<br>TOTALS: MAP,SCI,HUM |
| DAVIDSON C. NC | RATIOS: ALL,MAP,SOC,SCI,HUM,ED |
| U. OF DAYTON OH | RATIOS: ENG |
| U. OF DELAWARE | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI |
| DELAWARE VALLEY C. OF SCIENCE & AG. PA | RATIOS: LIF |
| DENISON U. OH | RATIOS: SOC |
| DICKINSON C. PA | RATIOS: HUM |
| U. OF DISTRICT OF COLUMBIA | RATIOS: ED |
| DOANE C. NE | RATIOS: ED |

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| DREXEL U. PA | RATIOS: ENG<br>TOTALS: ENG,MAP |
| DUKE U. NC | RATIOS: ALL,ENG,LIF,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| EARLHAM C. IN | RATIOS: ALL,MAP,LIF,SOC,SCI, HUM |
| EAST TEXAS STATE U. | RATIOS: ED<br>TOTALS: ED |
| ECKERD C. FL | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| EMMANUEL C. MA | RATIOS: ED |
| EMORY U. GA | RATIOS: SOC |
| FISK U. TN | RATIOS: ED |
| U. OF FLORIDA | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| FLORIDA INSTITUTE OF TECHNOLOGY | RATIOS: ENG |
| FLORIDA STATE U. | TOTALS: ALL,MAP,SOC,SCI,HUM,ED |
| FORDHAM U. NY | TOTALS: SOC,HUM |
| FRANKLIN & MARSHALL C. PA | RATIOS: ALL,MAP,SOC,SCI |
| FRANKLIN C. IN | RATIOS: ED |
| GENERAL MOTORS INSTITUTE MI | RATIOS: ENG |
| GEORGETOWN U. DC | TOTALS: SOC,HUM |
| U. OF GEORGIA | TOTALS: ALL,LIF,SOC,ED |
| GEORGIA INSTITUTE OF TECHNOLOGY | RATIOS: ENG<br>TOTALS: ENG,MAP |
| GETTYSBURG C. PA | RATIOS: LIF |
| GOUCHER C. MD | RATIOS: LIF,SOC,HUM |
| GRINNELL C. IA | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |

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| HAMILTON C. NY | RATIOS: ALL,SOC,HUM |
| HAMPSHIRE C. MA | RATIOS: ALL,LIF,SOC,SCI |
| HAMPTON U. VA | RATIOS: ED |
| HARRIS-STOWE STATE C. MO | RATIOS: ED |
| HARVARD-RADCLIFFE MA | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| HARVEY MUDD C. CA | RATIOS: ALL,ENG,MAP,LIF,SCI<br>TOTALS: MAP |
| HAVERFORD C. PA | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| HIRAM C. OH | RATIOS: LIF |
| HOLY NAMES C. CA | RATIOS: ED |
| HOPE C. MI | RATIOS: MAP |
| U. OF HOUSTON TX | TOTALS: SOC,ED |
| HURON C. SD | RATIOS: ED |
| ILLINOIS BENEDICTINE C. | RATIOS: MAP |
| ILLINOIS INSTITUTE OF TECHNOLOGY | RATIOS: ENG,MAP,SCI<br>TOTALS: ENG |
| ILLINOIS STATE U. | TOTALS: ED |
| U. OF ILLINOIS AT CHICAGO | TOTALS: ENG,LIF,SCI |
| U. OF ILLINOIS AT URBANA-CHAMPAIGN | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| INCARNATE WORD C. TX | RATIOS: ED |
| INDIANA INSTITUTE OF TECHNOLOGY | RATIOS: ENG,MAP |
| INDIANA STATE U. | TOTALS: ED |
| INDIANA U. OF PENN. | TOTALS: ED |

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| INDIANA U.-BLOOMINGTON | TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF IOWA | TOTALS: ALL,LIF,SOC,SCI,HUM,ED |
| IOWA STATE U. OF SCIENCE & TECHNOLOGY | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SCI |
| JOHNS HOPKINS U. MD | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SCI |
| JUILLIARD SCHOOL NY | RATIOS: ALL,HUM |
| JUNIATA C. PA | RATIOS: MAP,LIF,SCI |
| KALAMAZOO C. MI | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF KANSAS | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| KANSAS STATE U. | TOTALS: ENG,LIF |
| KANSAS WESLEYAN | RATIOS: ED |
| KENT STATE U. OH | TOTALS: ED |
| KENTUCKY STATE U. | RATIOS: ED |
| KENYON C. OH | RATIOS: ALL,LIF,SOC,HUM |
| KING C. TN | RATIOS: MAP |
| KNOX C. IL | RATIOS: ALL,MAP,LIF,SOC,SCI |
| LAFAYETTE C. PA | RATIOS: ENG,MAP |
| LAKE FOREST C. IL | RATIOS: SOC,ED |
| LAWRENCE U. WI | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| LEBANON VALLEY C. PA | RATIOS: MAP,LIF |
| LEHIGH U. PA | RATIOS: ENG<br>TOTALS: ENG |
| LINCOLN MEMORIAL U. TN | RATIOS: ED |
| LINCOLN U. PA | RATIOS: ED |

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| LORETTO HEIGHTS C. CO | RATIOS: ED |
| LOUISIANA STATE U. & A & M | TOTALS: ALL,ENG,LIF,SCI |
| LOYOLA U. OF CHICAGO IL | TOTALS: SOC |
| MACALESTER C. MN | RATIOS: ALL,LIF,SOC,SCI,HUM,ED |
| MALONE C. OH | RATIOS: ED |
| MANHATTAN C. NY | RATIOS: ENG |
| MANHATTAN SCHOOL OF MUSIC NY | RATIOS: HUM |
| MANHATTANVILLE C. NY | RATIOS: HUM |
| MARLBORO C. VT | RATIOS: ALL,LIF,HUM |
| MARYGROVE C. MI | RATIOS: HUM |
| U. OF MARYLAND COLLEGE PARK | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF MASSACHUSETTS AT AMHERST | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | RATIOS: ALL,ENG,MAP,LIF,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SCI |
| MIAMI U. OH | TOTALS: ALL,LIF,SOC,ED |
| MICHIGAN STATE U. | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| MICHIGAN TECHNOLOGICAL U. | RATIOS: ENG<br>TOTALS: ENG |
| U. OF MICHIGAN | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| MIDDLEBURY C. VT | RATIOS: HUM |
| MILLSAPS C. MS | RATIOS: ALL,SOC,SCI,ED |
| U. OF MINNESOTA-TWIN CITIES | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |

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| MISSISSIPPI STATE U. | TOTALS: ED |
| MISSISSIPPI U. FOR WOMEN | RATIOS: ED |
| U. OF MISSOURI-COLUMBIA | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| U. OF MISSOURI-ROLLA | RATIOS: ENG<br>TOTALS: ENG |
| C. OF MOUNT SAINT VINCENT NY | RATIOS: ED |
| MOUNT HOLYOKE C. MA | RATIOS: ALL,LIF,SOC,SCI,HUM,ED<br>TOTALS: HUM |
| MUHLENBERG C. PA | RATIOS: LIF,SCI |
| NATIONAL C. OF EDUCATION IL | RATIOS: ED |
| U. OF NEBRASKA-LINCOLN | TOTALS: LIF,ED |
| NEW ENGLAND CONSERVATORY OF MUSIC MA | RATIOS: HUM |
| U. OF NEW HAMPSHIRE | TOTALS: LIF |
| NEW JERSEY INSTITUTE OF TECHNOLOGY | RATIOS: ENG |
| U. OF NEW MEXICO | TOTALS: ED |
| NEW MEXICO HIGHLANDS U. | RATIOS: ED |
| NEW MEXICO INSTITUTE OF MINING & TECH. | RATIOS: ALL,ENG,MAP,LIF,SCI |
| NEW SCHOOL FOR SOCIAL RESEARCH NY | RATIOS: SOC |
| NEW YORK U. | TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| NORTH CAROLINA STATE U.-RALEIGH | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SCI |
| U. OF NORTH CAROLINA AT CHAPEL HILL | TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |

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| NORTH TEXAS STATE U. | TOTALS: ED |
| NORTHERN ILLINOIS U. | TOTALS: ED |
| NORTHROP U. CA | RATIOS: ENG |
| NORTHWESTERN U. IL | RATIOS: ALL,ENG,SOC<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF NOTRE DAME IN | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| OBERLIN C. OH | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| OCCIDENTAL C. CA | RATIOS: ALL,MAP,SOC,SCI |
| OHIO DOMINICAN C. | RATIOS: ED |
| OHIO STATE U. | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| OHIO U. | TOTALS: ED |
| U. OF OKLAHOMA | TOTALS: ENG,ED |
| OKLAHOMA BAPTIST U. | RATIOS: ED |
| OKLAHOMA STATE U. | TOTALS: ENG,LIF,ED |
| U. OF OREGON | TOTALS: HUM,ED |
| OREGON STATE U. | TOTALS: ENG,LIF |
| OTTAWA U. KS | RATIOS: ED |
| OUACHITA BAPTIST U. AR | RATIOS: ED |
| PEABODY INSTITUTE MD | RATIOS: HUM |
| U. OF PENNSYLVANIA | RATIOS: ALL,ENG,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| PENNSYLVANIA STATE U. | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| PFEIFFER C. NC | RATIOS: ED |

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| PHILADELPHIA C. OF PHARMACY & SCIENCE PA | RATIOS: LIF |
| U. OF PITTSBURGH PA | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| PITZER C. CA | RATIOS: SOC,ED |
| POLYTECHNIC INSTITUTE OF NEW YORK | RATIOS: ENG,MAP,SCI<br>TOTALS: ENG |
| POMONA C. CA | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| PRINCETON U. NJ | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF PUERTO RICO | TOTALS: ED |
| U. OF PUERTO RICO-MAYAGUEZ | RATIOS: ENG |
| PURDUE U. IN | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| RANDOLPH-MACON WOMAN'S C. VA | RATIOS: LIF |
| REED C. OR | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| RENSSELAER POLYTECHNIC INSTITUTE NY | RATIOS: ALL,ENG,MAP,LIF,SCI<br>TOTALS: ALL,ENG,MAP,SCI |
| U. OF RHODE ISLAND | TOTALS: LIF |
| RHODES C. TN | RATIOS: SOC,HUM |
| RICE U. TX | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,SCI |
| U. OF ROCHESTER NY<br>U. OF ROCHESTER NY | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| ROSE-HULMAN INSTITUTE OF TECHNOLOGY IN | RATIOS: ENG,MAP |
| RUTGERS U. NJ | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |

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| SAINT EDWARD'S U. TX | RATIOS: ED |
| ST. JOHN'S U. MN | RATIOS: MAP |
| SAINT OLAF C. MN | RATIOS: MAP,HUM |
| SAINT FRANCIS C. IN | RATIOS: ED |
| ST. JOHN'S C. MD | RATIOS: ALL,MAP,HUM |
| SAINT MARY'S SEMINARY & U. MD | RATIOS: SOC |
| SAN DIEGO STATE U. CA | TOTALS: SOC,ED |
| SARAH LAWRENCE C. NY | RATIOS: ALL,SOC,HUM |
| SCRIPPS C. CA | RATIOS: HUM,ED |
| SLIPPERY ROCK U. OF PENNSYLVANIA | RATIOS: ED |
| SMITH C. MA | RATIOS: ALL,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| U. OF SOUTH FLORIDA | TOTALS: MAP,SOC,ED |
| THE U. OF THE SOUTH TN | RATIOS: HUM |
| U. OF SOUTH CAROLINA | TOTALS: ED |
| SOUTH DAKOTA SCHOOL OF MINES & TECH. | RATIOS: ENG |
| U. OF SOUTHERN CALIFORNIA | TOTALS: ENG,HUM |
| U. OF SOUTHERN MISSISSIPPI | TOTALS: ED |
| SOUTHERN ILLINOIS U. AT CARBONDALE | TOTALS: LIF,ED |
| SOUTHWESTERN U. TX | RATIOS: MAP |
| SPELMAN C. GA | RATIOS: ED |
| SPRINGFIELD C. MA | RATIOS: ED |

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| STANFORD U. CA | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| SUNY U. AT ALBANY | TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| SUNY U. AT BINGHAMTON | RATIOS: SOC<br>TOTALS: MAP,SOC,SCI,HUM |
| SUNY U. AT BUFFALO | RATIOS: ED<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| SUNY U. AT STONY BROOK | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| SUNY C. AT BROCKPORT | TOTALS: ED |
| SUNY C. AT CORTLAND | RATIOS: ED |
| SUNY C. OF ENVIRONMENTAL SCIENCE & FORESTRY | RATIOS: LIF |
| STETSON U. FL | RATIOS: ED |
| STEVENS INSTITUTE OF TECHNOLOGY NJ | RATIOS: ALL,ENG,MAP,SCI |
| SWARTHMORE C. PA | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| SYRACUSE U. NY | TOTALS: SOC,ED |
| TEMPLE U. PA | TOTALS: ALL,SOC,HUM,ED |
| U. OF TENNESSEE | TOTALS: ALL,ENG,LIF,SCI,ED |
| U. OF TEXAS AT AUSTIN | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| TEXAS A. & M. U. | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SCI |
| TEXAS TECH U. | TOTALS: ENG,LIF |
| TOUGALOO C. MS | RATIOS: ED |
| TRANSYLVANIA U. KY | RATIOS: ED |
| TRI-STATE U. IN | RATIOS: ENG |

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| TRINITY C. CT | RATIOS: ALL,SOC,HUM |
| TRINITY C. DC | RATIOS: HUM |
| TRINITY C. IL | RATIOS: HUM |
| TUFTS U. MA | RATIOS: ENG,SOC<br>TOTALS: ENG,SOC |
| TULANE U. OF LOUISIANA | RATIOS: ENG |
| U. OF TULSA OK | RATIOS: ENG |
| TUSKEGEE INSTITUTE AL | RATIOS: ED |
| UNION C. & U. NY | RATIOS: ENG,MAP,LIF,SCI |
| UNION C. NE | RATIOS: ED |
| UNION U. TN | RATIOS: ED |
| UNITED STATES AIR FORCE ACADEMY CO | RATIOS: ENG |
| UNITED STATES INTERNATIONAL U. CA | RATIOS: SOC |
| UNITED STATES MILITARY ACADEMY NY | RATIOS: ENG |
| URSINUS C. PA | RATIOS: MAP,LIF<br>RATIOS: MAP |
| U. OF UTAH | RATIOS: ENG<br>TOTALS: ALL,ENG,SOC,SCI,HUM,ED |
| VANDERBILT U. TN | RATIOS: ENG<br>TOTALS: HUM |
| VASSAR C. NY | RATIOS: ALL,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| U. OF VERMONT | TOTALS: LIF |
| C. OF THE VIRGIN ISLANDS | RATIOS: ED |

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| U. OF VIRGINIA | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| VIRGINIA MILITARY INSTITUTE | RATIOS: ENG |
| VIRGINIA POLYTECHNIC INSTITUTE | RATIOS: ENG<br>TOTALS: ALL,ENG,MAP,LIF,SCI,ED |
| WABASH C. IN | RATIOS: ALL,MAP,LIF,SOC,SCI |
| U. OF WASHINGTON | TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| WASHINGTON & JEFFERSON C. PA | RATIOS: LIF |
| WASHINGTON C. MD | RATIOS: MAP |
| WASHINGTON STATE U. | TOTALS: LIF |
| WASHINGTON U. MO | RATIOS: ALL,ENG,SOC,SCI<br>TOTALS: ENG,MAP,LIF,SOC,SCI,HUM |
| WAYNE STATE U. MI | TOTALS: ED |
| WELLESLEY C. MA | RATIOS: ALL,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| WELLS C. NY | RATIOS: HUM |
| WESLEYAN U. CT | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: HUM |
| WEST VIRGINIA U. | TOTALS: ED |
| WESTERN MARYLAND C. | RATIOS: LIF |
| WESTERN MICHIGAN U. | TOTALS: ED |
| WESTMINSTER CHOIR C. NJ | RATIOS: HUM |
| WESTMONT C. CA | RATIOS: SOC,HUM |
| WHEATON C. IL | RATIOS: HUM |
| WHITMAN C. WA | RATIOS: ALL,MAP,LIF,SCI |

| | |
|---|---|
| C. OF WILLIAM & MARY VA | RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>TOTALS: MAP,HUM |
| WILLIAMS C. MA | RATIOS: ALL,MAP,SOC,SCI,HUM |
| WILSON C. PA | RATIOS: LIF,HUM |
| U. OF WISCONSIN-MADISON | RATIOS: ENG,LIF<br>TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| C. OF WOOSTER OH | RATIOS: ALL,MAP,LIF,SCI,HUM,ED |
| WORCESTER POLYTECHNIC INSTITUTE MA | RATIOS: ENG,MAP,SCI<br>TOTALS: ENG |
| YALE U. CT | RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| YESHIVA U. NY | RATIOS: SOC |

## Appendix B

## Doctoral Productivity Adjusted for Institutional Size Leading Institutions for Ratios for Women

TABLE B-1
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 16.84 | 33 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 12.96 | 14 | HARVEY MUDD C. CA |
| 3 | 10.99 | 181 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 9.07 | 153 | SWARTHMORE C. PA |
| 5 | 8.72 | 215 | U. OF CHICAGO IL |
| 6 | 7.77 | 85 | REED C. OR |
| 7 | 7.36 | 199 | BRYN MAWR C. PA |
| 8 | 6.32 | 362 | HARVARD-RADCLIFFE MA |
| 9 | 5.90 | 111 | POMONA C. CA |
| 10 | 5.79 | 232 | OBERLIN C. OH |
| 11 | 5.68 | 179 | PRINCETON U. NJ |
| 12 | 5.63 | 130 | RICE U. TX |
| 13 | 5.57 | 238 | YALE U. CT |
| 14 | 5.56 | 117 | CARLETON C. MN |
| 15 | 5.35 | 62 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 16 | 5.30 | 211 | BRANDEIS U. MA |
| 17 | 5.21 | 336 | BARNARD C. NY |
| | 5.21 | 326 | WELLESLEY C. MA |
| 19 | 4.99 | 288 | BROWN U. RI |
| 20 | 4.85 | 294 | U. OF ROCHESTER NY |
| 21 | 4.78 | 401 | STANFORD U. CA |
| 22 | 4.57 | 220 | VASSAR C. NY |

TABLE B-1 (CONTINUED)
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 4.45 | 274 | MOUNT HOLYOKE C. MA |
| 24 | 4.29 | 81 | JOHNS HOPKINS U. MD |
| 25 | 4.25 | 69 | GRINNELL C. IA |
| 26 | 4.22 | 337 | SMITH C. MA |
| 27 | 4.10 | 567 | CORNELL U. NY |
| 28 | 4.09 | 47 | HAMPSHIRE C. MA |
| 29 | 3.81 | 211 | U. OF CALIFORNIA-SAN DIEGO |
| 30 | 3.79 | 85 | SARAH LAWRENCE C. NY |
| 31 | 3.74 | 84 | OCCIDENTAL C. CA |
| 32 | 3.72 | 57 | KALAMAZOO C. MI |
| 33 | 3.61 | 79 | MACALESTER C. MN |
| 34 | 3.56 | 394 | U. OF PENNSYLVANIA |
| 35 | 3.54 | 273 | DUKE U. NC |
| 36 | 3.52 | 75 | WESLEYAN U. CT |
| 37 | 3.48 | 105 | CLARK U. MA |
| 38 | 3.28 | 94 | GOUCHER C. MD |
| 39 | 3.27 | 46 | PITZER C. CA |
| 40 | 3.11 | 129 | CASE WESTERN RESERVE U. OH |
| 41 | 3.08 | 19 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 42 | 3.06 | 35 | ECKERD C. FL |
| 43 | 3.03 | 10 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 44 | 3.02 | 106 | BUCKNELL U. PA |

TABLE B-1 (CONTINUED)
TOP 5% IN ALL-FIELDS
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ALL-FIELDS RATIO | ALL-FIELDS TOTAL | INSTITUTION |
|---|---|---|---|
| 45 | 2.99 | 201 | U. OF CALIFORNIA-SANTA CRUZ |
| 46 | 2.93 | 32 | BENNINGTON C. VT |
| | 2.93 | 287 | NORTHWESTERN U. IL |
| 48 | 2.92 | 181 | TUFTS U. MA |
| 49 | 2.85 | 7 | MARLBORO C. VT |
| 50 | 2.75 | 40 | EARLHAM C. IN |
| | 2.75 | 73 | MIDDLEBURY C. VT |
| 52 | 2.69 | 42 | HAMILTON C. NY |
| | 2.69 | 280 | SUNY U. AT STONY BROOK |
| 54 | 2.68 | 28 | WILSON C. PA |
| 55 | 2.67 | 78 | CARNEGIE-MELLON U. PA |
| | 2.67 | 46 | FRANKLIN & MARSHALL C. PA |
| 57 | 2.65 | 171 | C. OF WILLIAM & MARY VA |
| 58 | 2.63 | 7 | POLYTECHNIC INSTITUTE OF NEW YORK |
| | 2.63 | 160 | WASHINGTON U. MO |
| 60 | 2.62 | 26 | MILLSAPS C. MS |
| 61 | 2.60 | 58 | ALLEGHENY C. PA |
| | 2.60 | 64 | C. OF WOOSTER OH |
| 63 | 2.57 | 138 | U. OF CALIFORNIA-RIVERSIDE |
| | 2.57 | 40 | WELLS C. NY |
| 65 | 2.55 | 25 | BOWDOIN C. ME |
| | 2.55 | 74 | DENISON U. OH |

TABLE B-2
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 3.18 | 86 | BRYN MAWR C. PA |
| 2 | 2.19 | 37 | SWARTHMORE C. PA |
| 3 | 2.03 | 50 | U. OF CHICAGO IL |
| 4 | 2.02 | 13 | JUILLIARD SCHOOL NY |
| 5 | 1.97 | 84 | YALE U. CT |
| 6 | 1.90 | 60 | PRINCETON U. NJ |
| 7 | 1.89 | 108 | HARVARD-RADCLIFFE MA |
| 8 | 1.82 | 73 | OBERLIN C. OH |
| 9 | 1.64 | 79 | VASSAR C. NY |
| 10 | 1.55 | 17 | BENNINGTON C. VT |
| | 1.55 | 17 | REED C. OR |
| 12 | 1.53 | 96 | WELLESLEY C. MA |
| 13 | 1.52 | 32 | CARLETON C. MN |
| | 1.52 | 34 | SARAH LAWRENCE C. NY |
| 15 | 1.49 | 28 | POMONA C. CA |
| 16 | 1.47 | 95 | BARNARD C. NY |
| 17 | 1.19 | 95 | SMITH C. MA |
| 18 | 1.16 | 6 | MANHATTAN SCHOOL OF MUSIC NY |
| 19 | 1.06 | 42 | BRANDEIS U. MA |
| 20 | 1.04 | 64 | MOUNT HOLYOKE C. MA |
| 21 | 1.02 | 15 | SCRIPPS C. CA |
| 22 | 0.98 | 26 | MIDDLEBURY C. VT |

TABLE B-2 (CONTINUED)
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 0.93 | 12 | KENYON C. OH |
| 24 | 0.89 | 25 | MANHATTANVILLE C. NY |
| 25 | 0.87 | 50 | BROWN U. RI |
| | 0.87 | 20 | RICE U. TX |
| 27 | 0.86 | 72 | STANFORD U. CA |
| 28 | 0.78 | 12 | KALAMAZOO C. MI |
| 29 | 0.77 | 14 | BELOIT C. WI |
| 30 | 0.75 | 13 | LAWRENCE U. WI |
| | 0.75 | 16 | WESLEYAN U. CT |
| 32 | 0.74 | 41 | U. OF CALIFORNIA-SAN DIEGO |
| 33 | 0.73 | 12 | AGNES SCOTT C. GA |
| | 0.73 | 44 | U. OF ROCHESTER NY |
| | 0.73 | 18 | C. OF WOOSTER OH |
| 36 | 0.71 | 11 | WELLS C. NY |
| 37 | 0.70 | 11 | HAMILTON C. NY |
| 38 | 0.69 | 15 | MACALESTER C. MN |
| 39 | 0.68 | 11 | GRINNELL C. IA |
| 40 | 0.67 | 7 | WILSON C. PA |
| 41 | 0.65 | 24 | CONNECTICUT C. |
| 42 | 0.63 | 18 | GOUCHER C. MD |
| 43 | 0.62 | 9 | EARLHAM C. IN |
| 44 | 0.61 | 9 | MARYGROVE C. MI |

TABLE B-2 (CONTINUED)
TOP 5% IN HUMANITIES
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | HUMANITIES RATIO | HUMANITIES TOTAL | INSTITUTION |
|---|---|---|---|
| 45 | 0.60 | 6 | U. OF DALLAS TX |
| 46 | 0.59 | 10 | TRINITY C. DC |
| | 0.59 | 38 | C. OF WILLIAM & MARY VA |
| 48 | 0.58 | 13 | ALLEGHENY C. PA |
| | 0.58 | 57 | NORTHWESTERN U. IL |
| 50 | 0.57 | 63 | U. OF PENNSYLVANIA |
| 51 | 0.54 | 36 | U. OF CALIFORNIA-SANTA CRUZ |
| | 0.54 | 74 | CORNELL U. NY |
| | 0.54 | 42 | DUKE U. NC |
| | 0.54 | 7 | GUILFORD C. NC |
| 55 | 0.53 | 12 | OCCIDENTAL C. CA |
| 56 | 0.52 | 6 | HAMPSHIRE C. MA |
| | 0.52 | 7 | RHODES C. TN |
| 58 | 0.51 | 41 | U. OF CALIFORNIA-IRVINE |
| | 0.51 | 13 | COLORADO C. |
| | 0.51 | 12 | DICKINSON C. PA |
| 61 | 0.47 | 9 | DARTMOUTH C. NH |
| | 0.47 | 7 | KNOX C. IL |
| 63 | 0.46 | 16 | BUCKNELL U. PA |
| | 0.46 | 19 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD |
| | 0.46 | 28 | WASHINGTON U. MO |
| | 0.46 | 14 | WHEATON C. IL |

TABLE B-3
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 0.81 | 8 | MILLSAPS C. MS |
| 2 | 0.80 | 15 | AUGUSTA C. GA |
| 3 | 0.66 | 7 | LINCOLN U. PA |
| 4 | 0.61 | 10 | CHATHAM C. PA |
| 5 | 0.59 | 13 | MACALESTER C. MN |
| 6 | 0.58 | 35 | U. OF ROCHESTER NY |
| 7 | 0.55 | 12 | ALBANY STATE C. GA |
| 8 | 0.54 | 10 | FISK U. TN |
| | 0.54 | 6 | SAINT EDWARD'S U. TX |
| | 0.54 | 7 | SOUTHERN MISSIONARY C. TN |
| 11 | 0.53 | 28 | MISSISSIPPI U. FOR WOMEN |
| | 0.53 | 15 | SPELMAN C. GA |
| 13 | 0.52 | 17 | CATHOLIC U. OF AMERICA DC |
| | 0.52 | 6 | TOUGALOO C. MS |
| 15 | 0.51 | 6 | HOLY NAMES C. CA |
| 16 | 0.50 | 7 | PITZER C. CA |
| | 0.50 | 11 | STETSON U. FL |
| 18 | 0.49 | 21 | U. OF DISTRICT OF COLUMBIA |
| | 0.49 | 8 | GENEVA C. PA |
| | 0.49 | 12 | C. OF WOOSTER OH |
| 21 | 0.48 | 10 | ANDREWS U. MI |
| | 0.48 | 53 | U. OF PENNSYLVANIA |

TABLE B-3 (CONTINUED)
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| | 0.48 | 9 | SANGAMON STATE U. IL |
| 24 | 0.47 | 8 | ATHENS STATE C. AL |
| | 0.47 | 8 | SWARTHMORE C. PA |
| 26 | 0.46 | 41 | EAST TEXAS STATE U. |
| | 0.46 | 8 | WESTERN MARYLAND C. |
| 28 | 0.45 | 9 | LORETTO HEIGHTS C. CO |
| | 0.45 | 84 | U. OF PITTSBURGH PA |
| 30 | 0.44 | 6 | ALBERTUS MAGNUS C. CT |
| | 0.44 | 17 | HAMPTON U. VA |
| | 0.44 | 13 | WAKE FOREST U. NC |
| 33 | 0.43 | 10 | CARLOW C. PA |
| | 0.43 | 13 | CLARK U. MA |
| | 0.43 | 6 | NATIONAL C. OF EDUCATION IL |
| 36 | 0.42 | 9 | COLUMBUS C. GA |
| | 0.42 | 8 | JOHNS HOPKINS U. MD |
| | 0.42 | 6 | POINT PARK C. PA |
| | 0.42 | 54 | SUNY U. AT BUFFALO |
| 40 | 0.41 | 56 | THE U. OF ALABAMA |
| | 0.41 | 6 | SCRIPPS C. CA |
| | 0.41 | 15 | WITTENBERG U. OH |
| 43 | 0.40 | 14 | BUCKNELL U. PA |
| | 0.40 | 31 | DUKE U. NC |

TABLE B-3 (CONTINUED)
TOP 5% IN EDUCATION
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | EDUCATION RATIO | EDUCATION TOTAL | INSTITUTION |
|---|---|---|---|
| | 0.40 | 9 | EMERSON C. MA |
| | 0.40 | 7 | HARRIS-STOWE STATE C. MO |
| 47 | 0.39 | 16 | CASE WESTERN RESERVE U. OH |
| | 0.39 | 96 | FLORIDA STATE U. |
| | 0.39 | 12 | SPRINGFIELD C. MA |
| | 0.39 | 14 | TUSKEGEE INSTITUTE AL |
| 51 | 0.38 | 15 | BRANDEIS U. MA |
| | 0.38 | 13 | EMMANUEL C. MA |
| | 0.38 | 98 | INDIANA U.-BLOOMINGTON |
| | 0.38 | 7 | OUACHITA BAPTIST U. AR |
| | 0.38 | 7 | SAINT MARY'S U. OF SAN ANTONIO TX |
| | 0.38 | 74 | TEMPLE U. PA |
| | 0.38 | 23 | WASHINGTON U. MO |
| 58 | 0.37 | 6 | AGNES SCOTT C. GA |
| | 0.37 | 6 | CHRISTOPHER NEWPORT C. VA |
| | 0.37 | 33 | FLORIDA ATLANTIC U. |
| | 0.37 | 10 | FURMAN U. SC |
| | 0.37 | 7 | GONZAGA U. WA |
| | 0.37 | 26 | HOWARD U. DC |
| | 0.37 | 10 | C. OF MOUNT SAINT VINCENT NY |
| | 0.37 | 15 | OBERLIN C. OH |
| | 0.37 | 15 | VIRGINIA STATE U. |

TABLE B-4
TOP 5% IN MATH AND PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | MATH-PHYSICAL SCIENCE RATIO | MATH-PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 11.11 | 12 | HARVEY MUDD C. CA |
| 2 | 7.14 | 14 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 3 | 3.95 | 65 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 2.07 | 24 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 5 | 1.38 | 29 | CARLETON C. MN |
| 6 | 1.30 | 8 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 7 | 1.18 | 29 | U. OF CHICAGO IL |
| 8 | 1.13 | 26 | RICE U. TX |
| 9 | 1.01 | 11 | REED C. OR |
| 10 | 0.92 | 25 | BRYN MAWR C. PA |
| 11 | 0.89 | 15 | SWARTHMORE C. PA |
| 12 | 0.83 | 16 | DARTMOUTH C. NH |
| 13 | 0.82 | 26 | PRINCETON U. NJ |
| 14 | 0.70 | 40 | HARVARD-RADCLIFFE MA |
| 15 | 0.64 | 7 | KING'S C. PA |
| 16 | 0.62 | 10 | GRINNELL C. IA |
| 17 | 0.58 | 11 | JOHNS HOPKINS U. MD |
| | 0.58 | 13 | OCCIDENTAL C. CA |
| 19 | 0.57 | 23 | OBERLIN C. OH |
| 20 | 0.55 | 10 | GEORGIA INSTITUTE OF TECHNOLOGY |
| | 0.55 | 34 | MOUNT HOLYOKE C. MA |
| 22 | 0.54 | 19 | BUCKNELL U. PA |

TABLE B-4 (CONTINUED)
TOP 5% IN MATH AND PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | MATH-PHYSICAL SCIENCE RATIO | MATH-PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| [22] | 0.54 | 8 | LAKE FOREST C. IL |
| | 0.54 | 45 | STANFORD U. CA |
| 25 | 0.53 | 21 | BRANDEIS U. MA |
| 26 | 0.52 | 29 | U. OF CALIFORNIA-SAN DIEGO |
| | 0.52 | 9 | FRANKLIN & MARSHALL C. PA |
| 28 | 0.49 | 11 | ALLEGHENY C. PA |
| | 0.49 | 13 | MIDDLEBURY C. VT |
| 30 | 0.47 | 7 | KNOX C. IL |
| 31 | 0.46 | 7 | WILLIAMS C. MA |
| 32 | 0.45 | 26 | BROWN U. RI |
| | 0.45 | 28 | WELLESLEY C. MA |
| 34 | 0.43 | 8 | MUHLENBERG C. PA |
| | 0.43 | 8 | POMONA C. CA |
| | 0.43 | 26 | U. OF ROCHESTER NY |
| 37 | 0.40 | 8 | DREW U. NJ |
| | 0.40 | 17 | YALE U. CT |
| 39 | 0.39 | 54 | CORNELL U. NY |
| | 0.39 | 31 | SMITH C. MA |
| 41 | 0.36 | 23 | C. OF WILLIAM & MARY VA |
| 42 | 0.35 | 9 | COLORADO C. |
| 43 | 0.33 | 16 | EMORY U. GA |
| | 0.33 | 9 | FURMAN U. SC |

TABLE B-4 (CONTINUED)
TOP 5% IN MATH AND PHYSICAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | MATH-PHYSICAL SCIENCE RATIO | MATH-PHYSICAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| | 0.33 | 7 | WESLEYAN U. CT |
| 46 | 0.32 | 17 | U. OF CALIFORNIA-RIVERSIDE |
| | 0.32 | 6 | UNION C. & U. NY |
| 48 | 0.31 | 13 | CASE WESTERN RESERVE U. OH |
| | 0.31 | 8 | CHESTNUT HILL C. PA |
| | 0.31 | 7 | COLBY C. ME |
| | 0.31 | 15 | VASSAR C. NY |
| 52 | 0.30 | 7 | DICKINSON C. PA |
| 53 | 0.29 | 19 | BARNARD C. NY |
| | 0.29 | 10 | DREXEL U. PA |
| 55 | 0.28 | 7 | C. OF WOOSTER OH |
| 56 | 0.27 | 8 | CARNEGIE-MELLON U. PA |
| | 0.27 | 9 | CATHOLIC U. OF AMERICA DC |
| 58 | 0.26 | 7 | HOPE C. MI |
| 59 | 0.25 | 20 | U. OF CALIFORNIA-IRVINE |
| | 0.25 | 7 | C. OF CHARLESTON SC |
| | 0.25 | 19 | DUKE U. NC |
| | 0.25 | 7 | PROVIDENCE C. RI |
| 63 | 0.24 | 16 | U. OF CALIFORNIA-SANTA CRUZ |
| 64 | 0.22 | 66 | U. OF CALIFORNIA-BERKELEY |
| 65 | 0.21 | 23 | CUNY CITY C. NY |

TABLE B-5
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 7.65 | 15 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 3.28 | 54 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 3 | 2.43 | 60 | U. OF CHICAGO IL |
| 4 | 1.98 | 23 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 5 | 1.75 | 33 | POMONA C. CA |
| 6 | 1.74 | 19 | REED C. OR |
| 7 | 1.58 | 219 | CORNELL U. NY |
| 8 | 1.54 | 26 | SWARTHMORE C. PA |
| 9 | 1.50 | 23 | KALAMAZOO C. MI |
| 10 | 1.45 | 83 | HARVARD-RADCLIFFE MA |
| 11 | 1.43 | 33 | RICE U. TX |
| | 1.43 | 12 | SUNY C. OF ENVIRONMENTAL SCI.& FORESTR |
| 13 | 1.39 | 77 | U. OF CALIFORNIA-SAN DIEGO |
| 14 | 1.35 | 22 | GRINNELL C. IA |
| 15 | 1.22 | 33 | BRYN MAWR C. PA |
| | 1.22 | 23 | JOHNS HOPKINS U. MD |
| 17 | 1.17 | 50 | YALE U. CT |
| 18 | 1.16 | 93 | SMITH C. MA |
| 19 | 1.14 | 96 | STANFORD U. CA |
| 20 | 1.10 | 68 | MOUNT HOLYOKE C. MA |
| 21 | 1.09 | 63 | BROWN U. RI |
| 22 | 1.05 | 22 | CARLETON C. MN |

TABLE B-5 (CONTINUED)
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 1.04 | 12 | HAMPSHIRE C. MA |
| 24 | 1.01 | 6 | DELAWARE VALLEY C. OF SCIENCE & AG. PA |
| 25 | 1.00 | 40 | OBERLIN C. OH |
| 26 | 0.99 | 62 | WELLESLEY C. MA |
| 27 | 0.98 | 47 | VASSAR C. NY |
| 28 | 0.97 | 6 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 29 | 0.96 | 58 | U. OF ROCHESTER NY |
| | 0.96 | 10 | WILSON C. PA |
| 31 | 0.95 | 38 | BRANDEIS U. MA |
| 32 | 0.94 | 27 | GOUCHER C. MD |
| 33 | 0.92 | 9 | BOWDOIN C. ME |
| 34 | 0.91 | 59 | BARNARD C. NY |
| 35 | 0.90 | 12 | JUNIATA C. PA |
| 36 | 0.89 | 20 | OCCIDENTAL C. CA |
| 37 | 0.88 | 144 | U. OF CALIFORNIA-DAVIS |
| 38 | 0.87 | 18 | RANDOLPH-MACON WOMAN'S C. VA |
| 39 | 0.86 | 58 | U. OF CALIFORNIA-SANTA CRUZ |
| | 0.86 | 66 | DUKE U. NC |
| 41 | 0.85 | 16 | MUHLENBERG C. PA |
| 42 | 0.80 | 14 | WESTERN MARYLAND C. |
| 43 | 0.79 | 10 | WHITMAN C. WA |
| 44 | 0.78 | 42 | U. OF CALIFORNIA-RIVERSIDE |

TABLE B-5 (CONTINUED)
TOP 5% IN LIFE SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | LIFE SCIENCE RATIO | LIFE SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 45 | 0.77 | 32 | CASE WESTERN RESERVE U. OH |
| | 0.77 | 12 | WELLS C. NY |
| 47 | 0.75 | 17 | COLBY C. ME |
| 48 | 0.73 | 6 | CENTRE C. OF KENTUCKY |
| | 0.73 | 81 | U. OF PENNSYLVANIA |
| 50 | 0.70 | 210 | U. OF CALIFORNIA-BERKELEY |
| | 0.70 | 8 | ECKERD C. FL |
| | 0.70 | 46 | NORTH CAROLINA STATE U.-RALEIGH |
| | 0.70 | 15 | WESLEYAN U. CT |
| 54 | 0.69 | 12 | LAWRENCE U. WI |
| 55 | 0.68 | 8 | HENDRIX C. AR |
| | 0.68 | 12 | HOBART & WM SMITH C. NY |
| | 0.68 | 10 | LEBANON VALLEY C. PA |
| | 0.68 | 18 | MIDDLEBURY C. VT |
| 59 | 0.65 | 11 | BATES C. ME |
| | 0.65 | 23 | BUCKNELL U. PA |
| | 0.65 | 9 | LAFAYETTE C. PA |
| | 0.65 | 68 | SUNY U. AT STONY BROOK |
| 63 | 0.64 | 19 | WAKE FOREST U. NC |
| 64 | 0.63 | 14 | GETTYSBURG C. PA |
| | 0.63 | 17 | HOPE C. MI |
| | 0.63 | 20 | PRINCETON U. NJ |
| | 0.63 | 10 | SAINT FRANCIS C. PA |

TABLE B-6
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 3.62 | 61 | SWARTHMORE C. PA |
| 2 | 2.83 | 31 | REED C. OR |
| 3 | 2.52 | 62 | U. OF CHICAGO IL |
| 4 | 2.21 | 88 | BRANDEIS U. MA |
| 5 | 2.19 | 66 | CLARK U. MA |
| 6 | 2.14 | 138 | BARNARD C. NY |
| 7 | 2.06 | 119 | BROWN U. RI |
| | 2.06 | 29 | PITZER C. CA |
| 9 | 1.91 | 116 | U. OF ROCHESTER NY |
| 10 | 1.90 | 109 | HARVARD-RADCLIFFE MA |
| 11 | 1.87 | 75 | OBERLIN C. OH |
| 12 | 1.86 | 35 | POMONA C. CA |
| 13 | 1.79 | 112 | WELLESLEY C. MA |
| 14 | 1.78 | 56 | PRINCETON U. NJ |
| 15 | 1.74 | 20 | HAMPSHIRE C. MA |
| | 1.74 | 39 | SARAH LAWRENCE C. NY |
| 17 | 1.72 | 144 | STANFORD U. CA |
| 18 | 1.66 | 45 | BRYN MAWR C. PA |
| | 1.66 | 71 | YALE U. CT |
| 20 | 1.59 | 30 | JOHNS HOPKINS U. MD |
| 21 | 1.53 | 7 | NEW SCHOOL FOR SOCIAL RESEARCH NY |
| 22 | 1.52 | 35 | RICE U. TX |

TABLE B-6 (CONTINUED)
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 1.45 | 70 | VASSAR C. NY |
| 24 | 1.43 | 158 | U. OF PENNSYLVANIA |
| 25 | 1.41 | 30 | WESLEYAN U. CT |
| 26 | 1.35 | 24 | TRINITY C. CT |
| 27 | 1.34 | 39 | DENISON U. OH |
| 28 | 1.32 | 102 | DUKE U. NC |
| 29 | 1.28 | 27 | CARLETON C. MN |
| 30 | 1.25 | 77 | MOUNT HOLYOKE C. MA |
| 31 | 1.24 | 19 | WILLIAMS C. MA |
| 32 | 1.23 | 14 | ECKERD C. FL |
| | 1.23 | 27 | MACALESTER C. MN |
| 34 | 1.20 | 27 | OCCIDENTAL C. CA |
| 35 | 1.19 | 95 | SMITH C. MA |
| | 1.19 | 74 | TUFTS U. MA |
| 37 | 1.17 | 19 | GRINNELL C. IA |
| 38 | 1.16 | 160 | CORNELL U. NY |
| 39 | 1.15 | 33 | GOUCHER C. MD |
| 40 | 1.14 | 119 | SUNY U. AT STONY BROOK |
| 41 | 1.09 | 17 | HAMILTON C. NY |
| 42 | 1.07 | 72 | U. OF CALIFORNIA-SANTA CRUZ |
| 43 | 1.06 | 9 | BARD C. NY |
| 44 | 1.01 | 99 | NORTHWESTERN U. IL |

TABLE B-6 (CONTINUED)
TOP 5% IN SOCIAL SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | SOCIAL SCIENCE RATIO | SOCIAL SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 45 | 1.00 | 18 | BELOIT C. WI |
| 46 | 0.99 | 17 | FRANKLIN & MARSHALL C. PA |
| 47 | 0.97 | 8 | CENTRE C. OF KENTUCKY |
| | 0.97 | 75 | SUNY U. AT BINGHAMTON |
| 49 | 0.96 | 14 | EARLHAM C. IN |
| 50 | 0.93 | 27 | CARNEGIE-MELLON U. PA |
| 51 | 0.92 | 51 | U. OF CALIFORNIA-SAN DIEGO |
| | 0.92 | 45 | EMORY U. GA |
| | 0.92 | 17 | FISK U. TN |
| 54 | 0.91 | 14 | KALAMAZOO C. MI |
| | 0.91 | 9 | MILLSAPS C. MS |
| 56 | 0.89 | 37 | CASE WESTERN RESERVE U. OH |
| 57 | 0.88 | 23 | MILLS C. CA |
| 58 | 0.87 | 11 | WHITMAN C. WA |
| 59 | 0.86 | 15 | HOBART & WM SMITH C. NY |
| | 0.86 | 125 | NEW YORK U. |
| 61 | 0.85 | 30 | BUCKNELL U. PA |
| | 0.85 | 254 | U. OF CALIFORNIA-BERKELEY |
| | 0.85 | 91 | CUNY CITY C. NY |
| 64 | 0.84 | 51 | WASHINGTON U. MO |
| 65 | 0.82 | 12 | UNITED STATES INTERNATIONAL U. CA |

TABLE B-7
TOP 5% IN ENGINEERING
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ENGINEERING RATIO | ENGINEERING TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 2.49 | 41 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 2 | 1.04 | 12 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 3 | 0.35 | 8 | RICE U. TX |
| 4 | 0.31 | 9 | CARNEGIE-MELLON U. PA |
| 5 | 0.26 | 6 | ALFRED U. NY |
| 6 | 0.22 | 7 | PRINCETON U. NJ |
| 7 | 0.17 | 10 | BROWN U. RI |
| | 0.17 | 7 | COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD] |
| 9 | 0.15 | 15 | NORTHWESTERN U. IL |
| | 0.15 | 9 | U. OF ROCHESTER NY |
| 11 | 0.14 | 6 | CASE WESTERN RESERVE U. OH |
| 12 | 0.11 | 15 | CORNELL U. NY |
| | 0.11 | 9 | STANFORD U. CA |
| 14 | 0.10 | 6 | WASHINGTON U. MO |
| 15 | 0.09 | 6 | NORTH CAROLINA STATE U.-RALEIGH |
| 16 | 0.05 | 13 | U. OF ILLINOIS AT URBANA-CHAMPAIGN |
| | 0.05 | 6 | U. OF PENNSYLVANIA |
| | 0.05 | 11 | PURDUE U. IN |
| | 0.05 | 6 | VIRGINIA POLYTECHNIC INSTITUTE |
| 20 | 0.04 | 13 | U. OF CALIFORNIA-BERKELEY |
| | 0.04 | 11 | U. OF CALIFORNIA-LOS ANGELES |
| | 0.04 | 13 | PENNSYLVANIA STATE U. |

TABLE B-7 (CONTINUED)
TOP 5% IN ENGINEERING
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ENGINEERING RATIO | ENGINEERING TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 0.03 | 10 | U. OF MARYLAND COLLEGE PARK |
| | 0.03 | 8 | U. OF MICHIGAN |
| | 0.03 | 10 | U. OF MINNESOTA-TWIN CITIES |
| | 0.03 | 6 | U. OF PITTSBURGH PA |
| | 0.03 | 8 | U. OF WISCONSIN-MADISON |
| 28 | 0.02 | 7 | MICHIGAN STATE U. |
| | 0.02 | 6 | U. OF WASHINGTON |

TABLE B-8
TOP 5% IN ALL-SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 1 | 16.33 | 32 | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| 2 | 12.96 | 14 | HARVEY MUDD C. CA |
| 3 | 10.50 | 173 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| 4 | 6.17 | 152 | U. OF CHICAGO IL |
| 5 | 6.16 | 104 | SWARTHMORE C. PA |
| 6 | 5.94 | 65 | REED C. OR |
| 7 | 5.26 | 61 | RENSSELAER POLYTECHNIC INSTITUTE NY |
| 8 | 4.42 | 102 | RICE U. TX |
| 9 | 4.12 | 236 | HARVARD-RADCLIFFE MA |
| 10 | 4.04 | 76 | POMONA C. CA |
| 11 | 3.96 | 107 | BRYN MAWR C. PA |
| 12 | 3.80 | 80 | CARLETON C. MN |
| 13 | 3.78 | 218 | BROWN U. RI |
| 14 | 3.69 | 147 | BRANDEIS U. MA |
| 15 | 3.50 | 294 | STANFORD U. CA |
| 16 | 3.46 | 109 | PRINCETON U. NJ |
| 17 | 3.45 | 138 | OBERLIN C. OH |
|  | 3.45 | 209 | U. OF ROCHESTER NY |
| 19 | 3.44 | 65 | JOHNS HOPKINS U. MD |
| 20 | 3.38 | 218 | BARNARD C. NY |
| 21 | 3.25 | 203 | WELLESLEY C. MA |
|  | 3.25 | 139 | YALE U. CT |

TABLE B-8 (CONTINUED)
TOP 5% IN ALL-SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 23 | 3.24 | 448 | CORNELL U. NY |
| 24 | 3.14 | 51 | GRINNELL C. IA |
| 25 | 3.08 | 19 | ILLINOIS INSTITUTE OF TECHNOLOGY |
| 26 | 3.04 | 35 | HAMPSHIRE C. MA |
| 27 | 2.97 | 183 | MOUNT HOLYOKE C. MA |
| 28 | 2.91 | 161 | U. OF CALIFORNIA-SAN DIEGO |
| 29 | 2.76 | 133 | VASSAR C. NY |
| 30 | 2.75 | 83 | CLARK U. MA |
| 31 | 2.74 | 42 | KALAMAZOO C. MI |
| | 2.74 | 219 | SMITH C. MA |
| 33 | 2.73 | 9 | NEW MEXICO INSTITUTE OF MINING & TECH. |
| 34 | 2.72 | 61 | OCCIDENTAL C. CA |
| 35 | 2.63 | 7 | POLYTECHNIC INSTITUTE OF NEW YORK |
| 36 | 2.56 | 36 | PITZER C. CA |
| 37 | 2.49 | 192 | DUKE U. NC |
| 38 | 2.44 | 52 | WESLEYAN U. CT |
| 39 | 2.41 | 267 | U. OF PENNSYLVANIA |
| 40 | 2.36 | 27 | ECKERD C. FL |
| 41 | 2.30 | 66 | GOUCHER C. MD |
| 42 | 2.20 | 148 | U. OF CALIFORNIA-SANTA CRUZ |
| 43 | 2.14 | 38 | TRINITY C. CT |
| 44 | 2.13 | 75 | BUCKNELL U. PA |

TABLE B-8 (CONTINUED)
TOP 5% IN ALL-SCIENCE
PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
DOCTORATES AWARDED 1970-1986 TO WOMEN

| RANK | ALL-SCIENCE RATIO | ALL-SCIENCE TOTAL | INSTITUTION |
|---|---|---|---|
| 45 | 2.12 | 88 | CASE WESTERN RESERVE U. OH |
| 46 | 2.09 | 32 | WILLIAMS C. MA |
| 47 | 2.07 | 17 | CENTRE C. OF KENTUCKY |
| 48 | 2.06 | 45 | MACALESTER C. MN |
| 49 | 2.05 | 127 | TUFTS U. MA |
| 50 | 2.03 | 35 | FRANKLIN & MARSHALL C. PA |
| 51 | 2.02 | 210 | SUNY U. AT STONY BROOK |
| 52 | 1.98 | 25 | WHITMAN C. WA |
| 53 | 1.97 | 57 | DENISON U. OH |
| 54 | 1.96 | 44 | SARAH LAWRENCE C. NY |
| 55 | 1.92 | 103 | U. OF CALIFORNIA-RIVERSIDE |
| | 1.92 | 56 | CARNEGIE-MELLON U. PA |
| 57 | 1.89 | 185 | NORTHWESTERN U. IL |
| 58 | 1.84 | 18 | BOWDOIN C. ME |
| 59 | 1.82 | 543 | U. OF CALIFORNIA-BERKELEY |
| 60 | 1.80 | 28 | WELLS C. NY |
| 61 | 1.79 | 26 | EARLHAM C. IN |
| 62 | 1.78 | 15 | SUNY C. OF ENVIRONMENTAL SCI.& FORESTRY |
| 63 | 1.75 | 113 | C. OF WILLIAM & MARY VA |
| 64 | 1.73 | 27 | HAMILTON C. NY |
| 65 | 1.72 | 18 | WILSON C. PA |

TABLE B-9

1970-1986 DOCTORATES AWARDED TO WOMEN
WHO RECEIVED BACCALAUREATES 1970-82
WOMEN'S COLLEGES COMPARED TO COEDUCATIONAL INSTITUTIONS
TOTALS AND RATIOS

| | WOMEN'S COLLEGES | COEDUCATIONAL INSTITUTIONS |
|---|---|---|
| ALL FIELDS | 3494 | 43954 |
| | 1.57 | 0.85 |
| HUMANITIES | 826 | 6049 |
| | 0.37 | 0.12 |
| EDUCATION | 471 | 9816 |
| | 0.21 | 0.19 |
| ENGINEERING | 32 | 636 |
| | 0.01 | 0.01 |
| MATH & PHYSICAL SCIENCE | 311 | 3443 |
| | 0.14 | 0.07 |
| LIFE SCIENCE | 753 | 9473 |
| | 0.34 | 0.18 |
| SOCIAL SCIENCE | 987 | 12517 |
| | 0.44 | 0.24 |

## APPENDIX B

### INDEX TO LEADING BACCALAUREATE SOURCES OF DOCTORATES AWARDED 1970-1986 TO WOMEN

| INSTITUTION | LIST |
|---|---|
| AGNES SCOTT C. GA | WOMEN RATIOS: HUM,ED |
| U. OF ALABAMA | WOMEN RATIOS: ED<br>WOMEN TOTALS: ENG,ED |
| ALBANY STATE C. GA | WOMEN RATIOS: ED |
| ALBERTUS MAGNUS C. CT | WOMEN RATIOS: ED |
| ALFRED U. NY | WOMEN RATIOS: ENG<br>WOMEN TOTALS: ENG |
| ALLEGHENY C. PA | WOMEN RATIOS: ALL,MAP,HUM |
| ANDREWS U. MI | WOMEN RATIOS: ED |
| U. OF ARIZONA | WOMEN TOTALS: SOC,ED |
| ARIZONA STATE U. | WOMEN TOTALS: ED |
| ATHENS STATE C. AL | WOMEN RATIOS: ED |
| AUBURN U.-AUBURN AL | WOMEN TOTALS: ED |
| AUGUSTA C. GA | WOMEN RATIOS: ED |
| BALL STATE U. IN | WOMEN TOTALS: ED |
| BARD C. NY | WOMEN RATIOS: SOC |
| BARNARD C. NY | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| BATES C. ME | WOMEN RATIOS: LIF |
| BELOIT C. WI | WOMEN RATIOS: SOC,HUM |
| BENNINGTON C. VT | WOMEN RATIOS: ALL, HUM |
| BOSTON U. MA | WOMEN TOTALS:ALL,LIF,SOC,SCI,HUM,ED |
| BOWDOIN C. ME | WOMEN RATIOS: ALL,LIF,SCI |
| BOWLING GREEN STATE U. OH | WOMEN TOTALS: ED |

| | |
|---|---|
| BRANDEIS U. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| BROWN U. RI | WOMEN RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| BRYN MAWR C. PA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,SCI,HUM |
| BUCKNELL U. PA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS: ENG,MAP |
| U. OF CALIFORNIA-BERKELEY | WOMEN RATIOS: ENG,MAP,LIF,SOC,SCI<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF CALIFORNIA-DAVIS | WOMEN RATIOS: LIF<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI |
| U. OF CALIFORNIA-IRVINE | WOMEN RATIOS: MAP,HUM<br>WOMEN TOTALS: MAP,LIF,SCI,HUM |
| U. OF CALIFORNIA-LOS ANGELES | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF CALIFORNIA-RIVERSIDE | WOMEN RATIOS: ALL,MAP,LIF,SCI<br>WOMEN TOTALS: MAP,LIF,SCI |
| U. OF CALIFORNIA-SAN DIEGO | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF CALIFORNIA-SANTA BARBARA | WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF CALIFORNIA-SANTA CRUZ | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| CALIFORNIA INSTITUTE OF TECHNOLOGY | WOMEN RATIOS: ALL,MAP,LIF,SCI<br>WOMEN TOTALS: ENG,MAP |
| CALIFORNIA STATE U.-NORTHRIDGE | WOMEN TOTALS: SOC,ED |
| CARLETON C. MN | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: MAP,HUM |
| CARLOW C. PA | WOMEN RATIOS: ED |
| CARNEGIE-MELLON U. PA | WOMEN RATIOS: ALL,ENG,MAP,SOC,SCI<br>WOMEN TOTALS: ENG |
| CASE WESTERN RESERVE U. OH | WOMEN RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,ED<br>WOMEN TOTALS: ENG |
| CATHOLIC U. OF AMERICA DC | WOMEN RATIOS: MAP,ED<br>WOMEN TOTALS: ENG |

| | |
|---|---|
| CENIRE C. OF KENIUCKY | WOMEN RAIIOS: LIF,SOC,SCI |
| C. OF CHARLESION SC | WOMEN RAIIOS: MAP |
| CHAIHAM C. PA | WOMEN RAIIOS: ED |
| CHESINUI HILL C. PA | WOMEN RAIIOS: MAP |
| U. OF CHICAGO IL | WOMEN RAIIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN IOIALS: ALL,MAP,LIF,SOC,SCI,HUM |
| CHRISIOPHER NEWPORI C. VA | WOMEN RAIIOS: ED |
| U. OF CINCINNAII OH | WOMEN IOIALS: ALL,HUM,ED |
| CUNY BROOKLYN C. NY | WOMEN IOIALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| CUNY CIIY C. NY | WOMEN RAIIOS: MAP,SOC<br>WOMEN IOIALS: ALL,MAP,SOC,SCI,HUM,ED |
| CUNY HUNIER C. | WOMEN IOIALS: ALL,LIF,SOC,SCI,HUM,ED |
| CUNY QUEENS C. NY | WOMEN IOIALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| CLARK U. MA | WOMEN RAIIOS: ALL,SOC,SCI,ED<br>WOMEN IOIALS: SOC |
| CLARKSON C. OF IECHNOLOGY NY | WOMEN IOIALS: ENG |
| COLBY C. ME | WOMEN RAIIOS: MAP,LIF |
| U. OF COLORADO AI BOULDER | WOMEN IOIALS: ALL,LIF,SOC,SCI,HUM,ED |
| COLORADO C. | WOMEN RAIIOS: MAP,HUM |
| COLORADO SIAIE U. | WOMEN IOIALS: ENG,LIF |
| COLUMBIA U. NY [ALL DIV. EXCEPI BARNARD] | WOMEN RAIIOS: ENG,HUM<br>WOMEN IOIALS: ENG |
| COLUMBUS C. GA | WOMEN RAIIOS: ED |
| U. OF CONNECIICUI | WOMEN IOIALS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| CONNECIICUI C. | WOMEN RAIIOS: HUM |
| CORNELL U. NY | WOMEN RAIIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>WOMEN IOIALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| U. OF DALLAS IX | WOMEN RAIIOS: HUM |
| DARIMOUIH C. NH | WOMEN RAIIOS: MAP,HUM<br>WOMEN IOIALS: MAP |

| | |
|---|---|
| U. OF DAYTON OH | WOMEN TOTALS: ENG |
| U. OF DELAWARE | WOMEN TOTALS: ALL,ENG,MAP,LIF,SCI |
| DELAWARE VALLEY C. OF SCIENCE & AG. PA | WOMEN RATIOS: LIF |
| DENISON U. OH | WOMEN RATIOS: ALL,SOC,SCI |
| DICKINSON C. PA | WOMEN RATIOS: MAP,HUM |
| U. OF DISTRICT OF COLUMBIA | WOMEN RATIOS: ED |
| DREW U. NJ | WOMEN RATIOS: MAP |
| DREXEL U. PA | WOMEN RATIOS: MAP<br>WOMEN TOTALS: ENG |
| DUKE U. NC | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| EARLHAM C. IN | WOMEN RATIOS: ALL,SOC,SCI,HUM |
| EAST TEXAS STATE U. | WOMEN RATIOS: ED<br>WOMEN TOTALS: ED |
| ECKERD C. FL | WOMEN RATIOS: ALL,LIF,SOC,SCI |
| EMERSON C. MA | WOMEN RATIOS: ED |
| EMMANUEL C. MA | WOMEN RATIOS: ED |
| EMORY U. GA | WOMEN RATIOS: MAP,SOC<br>WOMEN TOTALS: MAP |
| FISK U. TN | WOMEN RATIOS: SOC,ED |
| U. OF FLORIDA | WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| FLORIDA ATLANTIC U. | WOMEN RATIOS: ED<br>WOMEN TOTALS: ED |
| FLORIDA STATE U. | WOMEN RATIOS: ED<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| FORDHAM U. NY | WOMEN TOTALS: HUM |
| FRANKLIN & MARSHALL C. PA | WOMEN RATIOS: ALL,MAP,SOC,SCI |
| FURMAN U. SC | WOMEN RATIOS: MAP,ED |
| GENEVA C. PA | WOMEN RATIOS: ED |

| | |
|---|---|
| U. OF GEORGIA | WOMEN TOTALS: ALL,SOC,ED |
| GEORGIA INSTITUTE OF TECHNOLOGY | WOMEN RATIOS: MAP<br>WOMEN TOTALS: ENG |
| GETTYSBURG C. PA | WOMEN RATIOS: LIF |
| GONZAGA U. WA | WOMEN RATIOS: ED |
| GOUCHER C. MD | WOMEN RATIOS: ALL,LIF,SOC,SCI,HUM |
| GRINNELL C. IA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| GUILFORD C. NC | WOMEN RATIOS: HUM |
| HAMILTON C. NY | WOMEN RATIOS: ALL,SOC,SCI,HUM |
| HAMPSHIRE C. MA | WOMEN RATIOS: ALL,LIF,SOC,SCI,HUM |
| HAMPTON U. VA | WOMEN RATIOS: ED |
| HARRIS-STOWE STATE C. MO | WOMEN RATIOS: ED |
| HARVARD-RADCLIFFE MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| HARVEY MUDD C. CA | WOMEN RATIOS: ALL,MAP,SCI |
| HENDRIX C. AR | WOMEN RATIOS: LIF |
| HOBART & WM SMITH C. NY | WOMEN RATIOS: LIF,SOC |
| HOLY NAMES C. CA | WOMEN RATIOS: ED |
| HOPE C. MI | WOMEN RATIOS: MAP,LIF |
| U. OF HOUSTON TX | WOMEN TOTALS: ED |
| HOWARD U. DC | WOMEN RATIOS: ED |
| ILLINOIS INSTITUTE OF TECHNOLOGY | WOMEN RATIOS: ALL,MAP,LIF,SCI |
| U. OF ILLINOIS AT CHICAGO | WOMEN TOTALS: MAP,SOC |
| U. OF ILLINOIS AT URBANA-CHAMPAIGN | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| INDIANA U. OF PENNSYLVANIA | WOMEN TOTALS: ED |
| INDIANA U.-BLOOMINGTON | WOMEN RATIOS: ED<br>WOMEN TOTALS: ALL,LIF,SOC,SCI,HUM,ED |
| U. OF IOWA | WOMEN TOTALS: ALL,LIF,SOC,HUM,ED |

| | |
|---|---|
| IOWA STATE U. OF SCIENCE & TECHNOLOGY | WOMEN TOTALS: ENG,LIF,SCI |
| JOHNS HOPKINS U. MD | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,ED |
| JUILLIARD SCHOOL NY | WOMEN RATIOS: HUM |
| JUNIATA C. PA | WOMEN RATIOS: LIF |
| KALAMAZOO C. MI | WOMEN RATIOS: ALL,LIF,SOC,SCI,HUM |
| U. OF KANSAS | WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| KENT STATE U. OH | WOMEN TOTALS: ED |
| U. OF KENTUCKY | WOMEN TOTALS: ED |
| KENYON C. OH | WOMEN RATIOS: HUM |
| KING'S C. PA | WOMEN RATIOS: MAP |
| KNOX C. IL | WOMEN RATIOS: MAP,HUM |
| LAFAYETTE C. PA | WOMEN RATIOS: LIF |
| LAKE FOREST C. IL | WOMEN RATIOS: MAP |
| LAWRENCE U. WI | WOMEN RATIOS: LIF,HUM |
| LEBANON VALLEY C. PA | WOMEN RATIOS: LIF |
| LEHIGH U. PA | WOMEN TOTALS: ENG |
| LINCOLN U. PA | WOMEN RATIOS: ED |
| LORETTO HEIGHTS C. CO | WOMEN RATIOS: ED |
| LOUISIANA STATE U. & A & M | WOMEN TOTALS: MAP |
| MACALESTER C. MN | WOMEN RATIOS: ALL,SOC,SCI,HUM,ED |
| MANHATTAN SCHOOL OF MUSIC NY | WOMEN RATIOS: HUM |
| MANHATTANVILLE C. NY | WOMEN RATIOS: HUM |
| MARLBORO C. VT | WOMEN RATIOS: ALL |
| MARYGROVE C. MI | WOMEN RATIOS: HUM |
| U. OF MARYLAND COLLEGE PARK | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF MASSACHUSETTS AT AMHERST | WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |

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| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | WOMEN RATIOS: ALL,ENG,MAP,LIF,SCI<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SCI |
| MIAMI U. OH | WOMEN TOTALS: ALL,LIF,SCI,ED |
| MICHIGAN STATE U. | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| MICHIGAN TECHNOLOGICAL U. | WOMEN TOTALS: ENG |
| U. OF MICHIGAN | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| MIDDLEBURY C. VT | WOMEN RATIOS: ALL,MAP,LIF,HUM<br>WOMEN TOTALS: HUM |
| MILLS C. CA | WOMEN RATIOS: SOC |
| MILLSAPS C. MS | WOMEN RATIOS: ALL,SOC,ED |
| U. OF MINNESOTA-TWIN CITIES | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| MISSISSIPPI U. FOR WOMEN | WOMEN RATIOS: ED |
| U. OF MISSOURI-COLUMBIA | WOMEN TOTALS: ALL,ENG,LIF,ED |
| U. OF MISSOURI-ROLLA | WOMEN TOTALS: ENG |
| C. OF MOUNT SAINT VINCENT NY | WOMEN RATIOS: ED |
| MOUNT HOLYOKE C. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| MUHLENBERG C. PA | WOMEN RATIOS: MAP,LIF |
| NATIONAL C. OF EDUCATION IL | WOMEN RATIOS: ED |
| U. OF NEBRASKA-LINCOLN | WOMEN TOTALS: ED |
| NEW JERSEY INSTITUTE OF TECHNOLOGY | WOMEN TOTALS: ENG |
| U. OF NEW MEXICO | WOMEN TOTALS: ED |
| NEW MEXICO INSTITUTE OF MINING & TECH. | WOMEN RATIOS: ALL,SCI |
| NEW SCHOOL FOR SOCIAL RESEARCH NY | WOMEN RATIOS: SOC |
| NEW YORK U. | WOMEN RATIOS: SOC<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| NORTH CAROLINA STATE U.-RALEIGH | WOMEN RATIOS: ENG,LIF<br>WOMEN TOTALS: ENG, LIF |

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| U. OF NORTH CAROLINA AT CHAPEL HILL | WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| NORTH TEXAS STATE U. | WOMEN TOTALS: ED |
| NORTHERN ILLINOIS U. | WOMEN TOTALS: ED |
| NORTHWESTERN U. IL | WOMEN RATIOS: ALL,ENG,SOC,SCI,HUM<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF NOTRE DAME IN | WOMEN TOTALS: ENG |
| OBERLIN C. OH | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| OCCIDENTAL C. CA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| OHIO STATE U. | WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| OHIO U. | WOMEN TOTALS: ED |
| U. OF OKLAHOMA | WOMEN TOTALS: ED |
| OKLAHOMA STATE U. | WOMEN TOTALS: ED |
| U. OF OREGON | WOMEN TOTALS: HUM |
| OREGON STATE U. | WOMEN TOTALS: ENG |
| OUACHITA BAPTIST U. AR | WOMEN RATIOS: ED |
| U. OF PENNSYLVANIA | WOMEN RATIOS: ALL,ENG,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| PENNSYLVANIA STATE U. | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF PITTSBURGH PA | WOMEN RATIOS: ENG,ED<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| PITZER C. CA | WOMEN RATIOS: ALL,SOC,SCI,ED |
| POINT PARK C. PA | WOMEN RATIOS: ED |
| POLYTECHNIC INSTITUTE OF NEW YORK | WOMEN RATIOS: ALL,SCI<br>WOMEN TOTALS: ENG |
| POMONA C. CA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: HUM |
| PRINCETON U. NJ | WOMEN RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,SOC,SCI, HUM |
| PROVIDENCE C. RI | WOMEN RATIOS: MAP |

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| PURDUE U. IN | WOMEN RATIOS: ENG<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,ED |
| RANDOLPH-MACON WOMAN'S C. VA | WOMEN RATIOS: LIF |
| REED C. OR | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ENG |
| RENSSELAER POLYTECHNIC INSTITUTE NY | WOMEN RATIOS: ALL,ENG,MAP,LIF,SCI<br>WOMEN TOTALS: ENG, MAP |
| U. OF RHODE ISLAND | WOMEN TOTALS: LIF |
| RHODES C. TN | WOMEN RATIOS: HUM |
| RICE U. TX | WOMEN RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ENG,MAP |
| U. OF ROCHESTER NY | WOMEN RATIOS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| RUTGERS U. NJ | WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| SAINT EDWARD'S U. TX | WOMEN RATIOS: ED |
| SAINT FRANCIS C. PA | WOMEN RATIOS: LIF |
| SAINT MARY'S U. OF SAN ANTONIO TX | WOMEN RATIOS: ED |
| SAN DIEGO STATE U. CA | WOMEN TOTALS: SOC |
| SANGAMON STATE U. IL | WOMEN RATIOS: ED |
| SARAH LAWRENCE C. NY | WOMEN RATIOS: ALL,SOC,SCI,HUM<br>WOMEN TOTALS: HUM |
| SCRIPPS C. CA | WOMEN RATIOS: HUM,ED |
| SMITH C. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| U. OF SOUTH FLORIDA | WOMEN TOTALS: SOC,ED<br>WOMEN TOTALS: ED |
| U. OF SOUTHERN CALIFORNIA | WOMEN TOTALS: ENG, HUM |
| SOUTHERN ILLINOIS U. AT CARBONDALE | WOMEN TOTALS: ED |
| SOUTHERN MISSIONARY C. TN | WOMEN RATIOS: ED |
| SPELMAN C. GA | WOMEN RATIOS: ED |
| SPRINGFIELD C. MA | WOMEN RATIOS: ED |

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| STANFORD U. CA | WOMEN RATIOS: ALL,ENG,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| SUNY U. AT ALBANY | WOMEN TOTALS: ALL,MAP,LIF,SCI,HUM |
| SUNY U. AT BINGHAMTON | WOMEN RATIOS: SOC<br>WOMEN TOTALS: ALL,LIF,SOC,SCI,HUM |
| SUNY U. AT BUFFALO | WOMEN RATIOS: ED<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM,ED |
| SUNY U. AT STONY BROOK | WOMEN RATIOS: ALL,LIF,SOC,SCI<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM |
| SUNY C. OF ENVIRONMENTAL SCI.& FORESTRY | WOMEN RATIOS: LIF,SCI |
| STETSON U. FL | WOMEN RATIOS: ED |
| SWARTHMORE C. PA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM,ED<br>WOMEN TOTALS: MAP,SOC,SCI,HUM |
| SWEET BRIAR C. VA | WOMEN TOTALS: ENG |
| SYRACUSE U. NY | WOMEN TOTALS: ALL,ENG,SOC,SCI,HUM,ED |
| TEMPLE U. PA | WOMEN RATIOS: ED<br>WOMEN TOTALS: ALL,MAP,SOC,ED |
| U. OF TENNESSEE | WOMEN TOTALS: LIF,ED |
| U. OF TEXAS AT AUSTIN | WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| TEXAS A. & M. U. | WOMEN TOTALS: ENG,LIF |
| U. OF TOLEDO OH | WOMEN TOTALS: ENG |
| TOUGALOO C. MS | WOMEN RATIOS: ED |
| TRINITY C. CT | WOMEN RATIOS: SOC,SCI |
| TRINITY C. DC | WOMEN RATIOS: HUM |
| TUFTS U. MA | WOMEN RATIOS: ALL,SOC,SCI<br>WOMEN TOTALS: ALL,ENG,LIF,SOC,SCI, HUM |
| TUSKEGEE INSTITUTE AL | WOMEN RATIOS: ED |
| UNION C. & U. NY | WOMEN RATIOS: MAP |
| UNITED STATES INTERNATIONAL U. CA | WOMEN RATIOS: SOC |
| U. OF UTAH | WOMEN TOTALS: ED |

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|---|---|
| VANDERBILT U. TN | WOMEN TOTALS: ENG |
| VASSAR C. NY | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| U. OF VERMONT | WOMEN TOTALS: LIF |
| U. OF VIRGINIA | WOMEN TOTALS: ENG |
| VIRGINIA POLYTECHNIC INSTITUTE | WOMEN RATIOS: ENG<br>WOMEN TOTALS: ENG,LIF |
| VIRGINIA STATE U. | WOMEN RATIOS: ED |
| WAKE FOREST U. NC | WOMEN RATIOS: LIF,ED |
| U. OF WASHINGTON | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| WASHINGTON U. MO | WOMEN RATIOS: ALL,ENG,SOC,HUM,ED<br>WOMEN TOTALS: ENG,SOC,SCI,HUM |
| WAYNE STATE U. MI | WOMEN TOTALS: ED |
| WELLESLEY C. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |
| WELLS C. NY | WOMEN RATIOS: ALL,LIF,SCI,HUM |
| WESLEYAN U. CT | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM |
| WEST VIRGINIA U. | WOMEN TOTALS: ED |
| WESTERN MARYLAND C. | WOMEN RATIOS: LIF,ED |
| WESTERN MICHIGAN U. | WOMEN TOTALS: ED |
| WHEATON C. IL | WOMEN RATIOS: HUM |
| WHITMAN C. WA | WOMEN RATIOS: LIF,SOC,SCI |
| C. OF WILLIAM & MARY VA | WOMEN RATIOS: ALL,MAP,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,SOC,SCI,HUM |
| WILLIAMS C. MA | WOMEN RATIOS: MAP,SOC,SCI |
| WILSON C. PA | WOMEN RATIOS: ALL,LIF,SCI,HUM |
| U. OF WISCONSIN-MADISON | WOMEN RATIOS: ENG<br>WOMEN TOTALS:ALL,ENG,MAP,LIF,SOC,SCI,HUM,ED |
| U. OF WISCONSIN-MILWAUKEE | WOMEN TOTALS: ENG |
| WITTENBERG U. OH | WOMEN RATIOS: ED |

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|---|---|
| C. OF WOOSIER OH | WOMEN RATIOS: ALL,MAP,HUM,ED |
| YALE U. CT | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBERTUS MAGNUS C. CT | 25 | 1.82 | 3 | 0.22 | 6 | 0.44 | 15 | 1.09 |
| ALLENTOWN C. OF ST. FRANCIS DE SALES PA | 26 | 1.80 | 3 | 0.21 | 4 | 0.28 | 17 | 1.18 |
| ALVERNIA C. PA | 4 | 0.38 | 0 | 0.00 | 1 | 0.10 | 3 | 0.29 |
| ALVERNO C. WI | 15 | 0.65 | 2 | 0.09 | 8 | 0.35 | 5 | 0.22 |
| ANNA MARIA C. MA | 8 | 0.51 | 3 | 0.19 | 2 | 0.13 | 2 | 0.13 |
| AQUINAS C. MI | 17 | 0.42 | 1 | 0.02 | 3 | 0.07 | 12 | 0.30 |
| ASSUMPTION C. MA | 44 | 1.35 | 4 | 0.12 | 13 | 0.40 | 27 | 0.83 |
| AVILA C. MO | 16 | 0.50 | 1 | 0.03 | 5 | 0.16 | 10 | 0.31 |
| BARAT C. IL | 15 | 0.82 | 0 | 0.00 | 1 | 0.05 | 13 | 0.71 |
| BARRY C. FL | 17 | 0.54 | 3 | 0.09 | 6 | 0.19 | 8 | 0.25 |
| BAYAMON CENTRAL U. PR | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BELLARMINE C. KY | 38 | 1.28 | 2 | 0.07 | 2 | 0.07 | 31 | 1.04 |
| BELMONT ABBEY C. NC | 11 | 0.66 | 2 | 0.12 | 2 | 0.12 | 7 | 0.42 |
| BENEDICTINE C. KS | 45 | 1.44 | 3 | 0.10 | 6 | 0.19 | 36 | 1.15 |
| BOSTON C. MA | 367 | 1.44 | 49 | 0.19 | 50 | 0.20 | 257 | 1.01 |
| BRESCIA C. KY | 10 | 0.62 | 0 | 0.00 | 2 | 0.12 | 7 | 0.44 |
| BRIAR CLIFF C. IA | 9 | 0.46 | 0 | 0.00 | 4 | 0.21 | 3 | 0.15 |
| CABRINI C. PA | 1 | 0.08 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CALDWELL C. NJ | 7 | 0.45 | 2 | 0.13 | 2 | 0.13 | 3 | 0.19 |
| CALUMET C. IN | 1 | 0.07 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| CANISIUS C. NY | 130 | 1.90 | 16 | 0.23 | 11 | 0.16 | 101 | 1.48 |
| CARDINAL STRITCH C. WI | 5 | 0.46 | 1 | 0.09 | 2 | 0.18 | 2 | 0.18 |
| CARLOW C. PA | 21 | 0.89 | 3 | 0.13 | 11 | 0.46 | 6 | 0.25 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| CARROLL C. MT | 22 | 0.88 | 3 | 0.12 | 2 | 0.08 | 16 | 0.64 |
| CATHOLIC U. OF AMERICA DC | 189 | 2.83 | 33 | 0.49 | 28 | 0.42 | 119 | 1.78 |
| CATHOLIC U. OF PUERTO RICO | 15 | 0.13 | 4 | 0.03 | 4 | 0.03 | 6 | 0.05 |
| CHAMINADE U. OF HONOLULU | 19 | 0.48 | 1 | 0.03 | 6 | 0.15 | 9 | 0.23 |
| CHESTNUT HILL C. PA | 33 | 1.29 | 5 | 0.20 | 3 | 0.12 | 24 | 0.94 |
| CHRISTIAN BROTHERS C. TN | 13 | 0.59 | 1 | 0.05 | 2 | 0.09 | 9 | 0.41 |
| CLARKE C. IA | 12 | 0.77 | 4 | 0.26 | 3 | 0.19 | 4 | 0.26 |
| COLLEGE MISERICORDIA PA | 14 | 0.51 | 0 | 0.00 | 9 | 0.33 | 4 | 0.15 |
| CREIGHTON U. NE | 101 | 1.25 | 10 | 0.12 | 14 | 0.17 | 74 | 0.92 |
| U. OF DALLAS TX | 64 | 3.15 | 17 | 0.84 | 4 | 0.20 | 42 | 2.07 |
| U. OF DAYTON OH | 256 | 1.39 | 17 | 0.09 | 27 | 0.15 | 196 | 1.06 |
| DEPAUL U. IL | 122 | 0.82 | 22 | 0.15 | 23 | 0.15 | 72 | 0.48 |
| U. OF DETROIT MI | 134 | 1.21 | 17 | 0.15 | 11 | 0.10 | 98 | 0.88 |
| DIVINE WORD C. IA | 3 | 1.52 | 1 | 0.51 | 0 | 0.00 | 2 | 1.02 |
| DOMINICAN C. NY | 4 | 0.23 | 1 | 0.06 | 2 | 0.12 | 1 | 0.06 |
| DOMINICAN C. OF SAN RAFAEL CA | 3 | 0.28 | 1 | 0.09 | 0 | 0.00 | 2 | 0.19 |
| DUQUESNE U. PA | 121 | 0.92 | 19 | 0.14 | 32 | 0.24 | 66 | 0.50 |
| EDGEWOOD C. WI | 6 | 0.56 | 0 | 0.00 | 1 | 0.09 | 3 | 0.28 |
| C. OF OUR LADY OF THE ELMS MA | 3 | 0.20 | 1 | 0.07 | 1 | 0.07 | 1 | 0.07 |
| EMMANUEL C. MA | 54 | 1.58 | 6 | 0.18 | 13 | 0.38 | 34 | 0.99 |
| FAIRFIELD U. CT | 132 | 1.82 | 9 | 0.12 | 7 | 0.10 | 113 | 1.56 |
| FELICIAN C. NJ | 3 | 0.54 | 0 | 0.00 | 3 | 0.54 | 0 | 0.00 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| FONTBONNE C. MO | 5 | 0.23 | 0 | 0.00 | 2 | 0.09 | 1 | 0.05 |
| FORDHAM U. NY | 381 | 1.92 | 89 | 0.45 | 29 | 0.15 | 256 | 1.29 |
| FRANCISCAN U. OF STEUBENVILLE OH | 17 | 0.70 | 1 | 0.04 | 4 | 0.17 | 12 | 0.50 |
| GANNON U. PA | 59 | 1.07 | 6 | 0.11 | 5 | 0.09 | 46 | 0.83 |
| GEORGETOWN U. DC | 296 | 1.98 | 67 | 0.45 | 17 | 0.11 | 206 | 1.38 |
| GEORGIAN COURT C. NJ | 12 | 0.53 | 1 | 0.04 | 4 | 0.18 | 7 | 0.31 |
| GONZAGA U. WA | 72 | 1.53 | 15 | 0.32 | 11 | 0.23 | 41 | 0.87 |
| C. OF GREAT FALLS MT | 8 | 0.49 | 0 | 0.00 | 2 | 0.12 | 4 | 0.24 |
| GWYNEDD-MERCY C. PA | 2 | 0.09 | 0 | 0.00 | 1 | 0.05 | 1 | 0.05 |
| C. OF THE HOLY CROSS MA | 181 | 2.38 | 40 | 0.53 | 8 | 0.11 | 129 | 1.70 |
| HOLY FAMILY C. PA | 5 | 0.30 | 0 | 0.00 | 4 | 0.24 | 1 | 0.06 |
| HOLY NAMES C. CA | 11 | 0.88 | 1 | 0.08 | 6 | 0.48 | 4 | 0.32 |
| ILLINOIS BENEDICTINE C. | 57 | 2.22 | 1 | 0.04 | 2 | 0.08 | 51 | 1.99 |
| IMMACULATA C. PA | 13 | 0.47 | 1 | 0.04 | 5 | 0.18 | 7 | 0.25 |
| IONA C. NY | 62 | 0.72 | 6 | 0.07 | 7 | 0.08 | 43 | 0.50 |
| JOHN CARROLL U. OH | 128 | 1.86 | 21 | 0.30 | 7 | 0.10 | 90 | 1.30 |
| KANSAS NEWMAN C. KS | 6 | 0.39 | 0 | 0.00 | 3 | 0.20 | 3 | 0.20 |
| KING'S C. PA | 79 | 1.48 | 9 | 0.17 | 6 | 0.11 | 63 | 1.18 |
| LA ROCHE C. PA | 3 | 0.17 | 1 | 0.06 | 2 | 0.11 | 0 | 0.00 |
| LA SALLE C. PA | 177 | 1.32 | 25 | 0.19 | 23 | 0.17 | 126 | 0.94 |
| LE MOYNE C. NY | 80 | 1.52 | 9 | 0.17 | 14 | 0.27 | 55 | 1.04 |
| LEWIS U. IL | 44 | 0.72 | 2 | 0.03 | 4 | 0.07 | 36 | 0.59 |
| LORAS C. IA | 49 | 1.47 | 4 | 0.12 | 1 | 0.03 | 40 | 1.20 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
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DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| LOYOLA C. MD | 80 | 1.41 | 10 | 0.18 | 2 | 0.04 | 67 | 1.18 |
| LOYOLA MARYMOUNT U. CA | 101 | 1.29 | 25 | 0.32 | 11 | 0.14 | 63 | 0.80 |
| LOYOLA U. IN NEW ORLEANS LA | 69 | 0.95 | 16 | 0.22 | 10 | 0.14 | 41 | 0.56 |
| LOYOLA U. OF CHICAGO IL | 315 | 1.71 | 29 | 0.16 | 30 | 0.16 | 247 | 1.34 |
| MADONNA C. MI | 10 | 0.30 | 0 | 0.00 | 6 | 0.18 | 4 | 0.12 |
| MANHATTAN C. NY | 211 | 2.15 | 11 | 0.11 | 9 | 0.09 | 189 | 1.92 |
| MARIAN C. IN | 16 | 0.87 | 5 | 0.27 | 3 | 0.16 | 8 | 0.44 |
| MARIAN C. OF FOND DU LAC WI | 3 | 0.25 | 0 | 0.00 | 0 | 0.00 | 3 | 0.25 |
| MARIST C. NY | 57 | 1.26 | 8 | 0.18 | 6 | 0.13 | 42 | 0.93 |
| MARQUETTE U. WI | 275 | 1.48 | 31 | 0.17 | 28 | 0.15 | 203 | 1.10 |
| MARY C. ND | 4 | 0.19 | 1 | 0.05 | 0 | 0.00 | 3 | 0.14 |
| MARYMOUNT C. NY | 30 | 0.95 | 3 | 0.10 | 5 | 0.16 | 20 | 0.64 |
| MARYMOUNT C. OF KANSAS | 2 | 0.13 | 0 | 0.00 | 1 | 0.06 | 1 | 0.06 |
| MARYMOUNT C. OF VIRGINIA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MARYMOUNT MANHATTAN C. NY | 26 | 0.74 | 2 | 0.06 | 7 | 0.20 | 15 | 0.43 |
| MARYWOOD C. PA | 33 | 0.73 | 3 | 0.07 | 10 | 0.22 | 18 | 0.40 |
| MERCY C. OF DETROIT MI | 14 | 0.38 | 0 | 0.00 | 7 | 0.19 | 7 | 0.19 |
| MERRIMACK C. MA | 74 | 1.26 | 11 | 0.19 | 5 | 0.08 | 57 | 0.97 |
| MOLLOY C. NY | 19 | 0.57 | 4 | 0.12 | 6 | 0.18 | 7 | 0.21 |
| C. OF MOUNT SAINT VINCENT NY | 37 | 1.32 | 1 | 0.04 | 10 | 0.36 | 24 | 0.85 |
| MOUNT MARTY C. SD | 7 | 0.49 | 1 | 0.07 | 4 | 0.28 | 1 | 0.07 |
| MOUNT MARY C. WI | 5 | 0.21 | 1 | 0.04 | 2 | 0.08 | 1 | 0.04 |
| MOUNT MERCY C. IA | 1 | 0.05 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |

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DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| C. OF MOUNT ST. JOSEPH-ON-THE-OHIO | 16 | 0.65 | 2 | 0.08 | 3 | 0.12 | 9 | 0.37 |
| MOUNT SAINT MARY C. NY | 10 | 0.45 | 1 | 0.04 | 4 | 0.18 | 4 | 0.18 |
| MOUNT ST. MARY'S C. CA | 7 | 0.37 | 0 | 0.00 | 3 | 0.16 | 4 | 0.21 |
| MOUNT ST. MARY'S C. MD | 37 | 0.98 | 2 | 0.05 | 5 | 0.13 | 30 | 0.80 |
| MUNDELEIN C. IL | 24 | 0.74 | 3 | 0.09 | 6 | 0.19 | 10 | 0.31 |
| NAZARETH C. MI | 4 | 0.33 | 0 | 0.00 | 3 | 0.25 | 1 | 0.08 |
| NAZARETH C. OF ROCHESTER NY | 22 | 0.55 | 5 | 0.12 | 5 | 0.12 | 10 | 0.25 |
| NEUMANN C. PA | 3 | 0.26 | 0 | 0.00 | 2 | 0.18 | 1 | 0.09 |
| C. OF NEW ROCHELLE NY | 29 | 0.59 | 8 | 0.16 | 2 | 0.04 | 17 | 0.34 |
| NIAGARA U. NY | 49 | 0.64 | 1 | 0.01 | 9 | 0.12 | 36 | 0.47 |
| C. OF NOTRE DAME OF MARYLAND | 24 | 1.15 | 2 | 0.10 | 6 | 0.29 | 16 | 0.77 |
| U. OF NOTRE DAME IN | 622 | 2.96 | 81 | 0.39 | 27 | 0.13 | 487 | 2.32 |
| NOTRE DAME C. NH | 5 | 0.46 | 0 | 0.00 | 4 | 0.37 | 0 | 0.00 |
| NOTRE DAME C. OH | 9 | 0.82 | 0 | 0.00 | 0 | 0.00 | 9 | 0.82 |
| OHIO DOMINICAN C. | 22 | 1.05 | 2 | 0.10 | 9 | 0.43 | 11 | 0.53 |
| OUR LADY OF HOLY CROSS C. LA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| OUR LADY OF THE LAKE U. OF SAN ANTONIO TX | 20 | 0.67 | 0 | 0.00 | 5 | 0.17 | 11 | 0.37 |
| U. OF PORTLAND OR | 27 | 0.58 | 2 | 0.04 | 2 | 0.04 | 22 | 0.47 |
| PROVIDENCE C. RI | 120 | 1.27 | 13 | 0.14 | 10 | 0.11 | 97 | 1.02 |
| QUINCY C. IL | 44 | 1.14 | 5 | 0.13 | 9 | 0.23 | 25 | 0.65 |
| REGIS C. CO | 17 | 0.60 | 0 | 0.00 | 2 | 0.07 | 14 | 0.49 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| REGIS C. MA | 27 | 1.13 | 4 | 0.17 | 4 | 0.17 | 19 | 0.80 |
| RIVIER C. NH | 3 | 0.18 | 1 | 0.06 | 0 | 0.00 | 2 | 0.12 |
| ROCKHURST C. MO | 41 | 1.08 | 2 | 0.05 | 6 | 0.16 | 31 | 0.82 |
| ROSARY C. IL | 26 | 1.06 | 9 | 0.37 | 6 | 0.24 | 10 | 0.41 |
| ROSEMONT C. PA | 19 | 1.13 | 4 | 0.24 | 3 | 0.18 | 12 | 0.72 |
| SACRED HEART U. CT | 11 | 0.28 | 4 | 0.10 | 1 | 0.03 | 5 | 0.13 |
| ST. AMBROSE C. IA | 24 | 0.64 | 3 | 0.08 | 4 | 0.11 | 17 | 0.45 |
| SAINT ANSELM C. NH | 52 | 1.29 | 2 | 0.05 | 8 | 0.20 | 40 | 0.99 |
| C. OF SAINT BENEDICT MN | 9 | 0.29 | 0 | 0.00 | 0 | 0.00 | 8 | 0.26 |
| SAINT BONAVENTURE U. NY | 66 | 1.10 | 11 | 0.18 | 10 | 0.17 | 40 | 0.67 |
| C. OF SAINT CATHERINE MN | 21 | 0.45 | 3 | 0.06 | 3 | 0.06 | 14 | 0.30 |
| SAINT EDWARD'S U. TX | 28 | 0.88 | 1 | 0.03 | 12 | 0.38 | 12 | 0.38 |
| C. OF SAINT ELIZABETH NJ | 7 | 0.38 | 1 | 0.05 | 0 | 0.00 | 6 | 0.32 |
| C. OF SAINT FRANCIS IL | 11 | 0.15 | 1 | 0.01 | 5 | 0.07 | 4 | 0.05 |
| SAINT FRANCIS C. PA | 38 | 0.99 | 1 | 0.03 | 7 | 0.18 | 28 | 0.73 |
| SAINT FRANCIS C. IN | 12 | 0.77 | 1 | 0.06 | 7 | 0.45 | 4 | 0.26 |
| ST. FRANCIS C. NY | 51 | 0.74 | 4 | 0.06 | 7 | 0.10 | 35 | 0.51 |
| ST. JOHN'S U. MN | 115 | 2.69 | 16 | 0.37 | 10 | 0.23 | 87 | 2.04 |
| SAINT JOHN'S U. NY | 150 | 0.66 | 10 | 0.04 | 16 | 0.07 | 120 | 0.53 |
| SAINT JOSEPH C. CT | 8 | 0.41 | 0 | 0.00 | 3 | 0.15 | 5 | 0.25 |
| C. OF SAINT JOSEPH VT | 1 | 0.23 | 0 | 0.00 | 1 | 0.23 | 0 | 0.00 |
| SAINT JOSEPH'S C. IN | 29 | 0.95 | 7 | 0.23 | 5 | 0.16 | 16 | 0.52 |
| SAINT JOSEPH'S C. ME | 3 | 0.16 | 1 | 0.05 | 1 | 0.05 | 1 | 0.05 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAINT JOSEPH'S U. PA | 175 | 1.63 | 18 | 0.17 | 22 | 0.21 | 134 | 1.25 |
| SAINT LEO C. FL | 7 | 0.15 | 0 | 0.00 | 5 | 0.11 | 2 | 0.04 |
| SAINT LOUIS U. MO | 254 | 1.74 | 33 | 0.23 | 39 | 0.27 | 169 | 1.15 |
| SAINT MARTIN'S C. WA | 16 | 0.83 | 0 | 0.00 | 5 | 0.26 | 11 | 0.57 |
| SAINT MARY C. KS | 9 | 0.62 | 0 | 0.00 | 4 | 0.28 | 3 | 0.21 |
| C. OF SAINT MARY NE | 5 | 0.60 | 0 | 0.00 | 0 | 0.00 | 5 | 0.60 |
| SAINT MARY OF THE PLAINS C. KS | 7 | 0.46 | 0 | 0.00 | 2 | 0.13 | 5 | 0.33 |
| SAINT MARY'S C. MI | 3 | 1.40 | 1 | 0.47 | 1 | 0.47 | 0 | 0.00 |
| SAINT MARY'S C. IN | 45 | 0.97 | 10 | 0.22 | 9 | 0.19 | 26 | 0.56 |
| SAINT MARY'S C. MN | 28 | 0.94 | 3 | 0.10 | 0 | 0.00 | 25 | 0.84 |
| SAINT MARY-OF-THE-WOODS C. IN | 9 | 0.61 | 2 | 0.14 | 3 | 0.20 | 4 | 0.27 |
| SAINT MICHAEL'S C. VT | 43 | 1.08 | 4 | 0.10 | 8 | 0.20 | 30 | 0.75 |
| SAINT NORBERT C. WI | 41 | 1.03 | 9 | 0.23 | 4 | 0.10 | 28 | 0.70 |
| SAINT PETER'S C. NJ | 72 | 0.85 | 7 | 0.08 | 7 | 0.08 | 56 | 0.66 |
| C. OF SAINT ROSE NY | 18 | 0.47 | 8 | 0.21 | 4 | 0.10 | 6 | 0.16 |
| C. OF SAINT SCHOLASTICA MN | 6 | 0.23 | 1 | 0.04 | 1 | 0.04 | 4 | 0.16 |
| C. OF SAINT TERESA MN | 13 | 0.48 | 1 | 0.04 | 5 | 0.19 | 7 | 0.26 |
| ST. THOMAS AQUINAS C. NY | 5 | 0.23 | 1 | 0.05 | 3 | 0.14 | 1 | 0.05 |
| C. OF ST. THOMAS MN | 69 | 1.22 | 6 | 0.11 | 6 | 0.11 | 56 | 0.99 |
| U. OF SAINT THOMAS TX | 29 | 1.06 | 4 | 0.15 | 3 | 0.11 | 22 | 0.80 |
| SAINT VINCENT C. PA | 44 | 1.74 | 8 | 0.32 | 6 | 0.24 | 30 | 1.18 |
| SALVE REGINA-THE NEWPORT C. RI | 9 | 0.31 | 0 | 0.00 | 4 | 0.14 | 5 | 0.17 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| U. OF SAN DIEGO CA | 36 | 0.93 | 6 | 0.16 | 4 | 0.10 | 25 | 0.65 |
| U. OF SAN FRANCISCO CA | 137 | 1.07 | 9 | 0.07 | 18 | 0.14 | 104 | 0.81 |
| SANTA CLARA U. CA | 160 | 1.61 | 23 | 0.23 | 10 | 0.10 | 121 | 1.22 |
| C. OF SANTA FE NM | 5 | 0.26 | 0 | 0.00 | 1 | 0.05 | 3 | 0.15 |
| U. OF SCRANTON PA | 112 | 1.61 | 12 | 0.17 | 17 | 0.24 | 79 | 1.13 |
| SEATTLE U. WA | 73 | 0.97 | 9 | 0.12 | 12 | 0.16 | 47 | 0.62 |
| SETON HALL U. NJ | 114 | 0.79 | 10 | 0.07 | 22 | 0.15 | 78 | 0.54 |
| SETON HILL C. PA | 26 | 1.15 | 3 | 0.13 | 8 | 0.35 | 13 | 0.58 |
| SIENA C. NY | 58 | 0.94 | 8 | 0.13 | 8 | 0.13 | 37 | 0.60 |
| SIENA HEIGHTS C. MI | 10 | 0.47 | 1 | 0.05 | 3 | 0.14 | 6 | 0.28 |
| SILVER LAKE C. OF THE HOLY FAMILY WI | 1 | 0.11 | 0 | 0.00 | 1 | 0.11 | 0 | 0.00 |
| SPALDING C. KY | 11 | 0.53 | 1 | 0.05 | 3 | 0.15 | 7 | 0.34 |
| SPRING HILL C. AL | 30 | 1.55 | 5 | 0.26 | 3 | 0.16 | 20 | 1.04 |
| STONEHILL C. MA | 53 | 1.03 | 4 | 0.08 | 8 | 0.16 | 39 | 0.76 |
| THOMAS MORE C. KY | 76 | 2.61 | 6 | 0.21 | 3 | 0.10 | 66 | 2.26 |
| TRINITY C. DC | 33 | 1.94 | 10 | 0.59 | 6 | 0.35 | 15 | 0.88 |
| TRINITY C. VT | 3 | 0.22 | 1 | 0.07 | 1 | 0.07 | 1 | 0.07 |
| URSULINE C. OH | 3 | 0.20 | 2 | 0.13 | 0 | 0.00 | 1 | 0.07 |
| VILLA MARIA C. PA | 8 | 0.50 | 0 | 0.00 | 4 | 0.25 | 4 | 0.25 |
| VILLANOVA U. PA | 256 | 1.43 | 16 | 0.09 | 21 | 0.12 | 205 | 1.14 |
| VITERBO C. WI | 13 | 0.73 | 1 | 0.06 | 3 | 0.17 | 8 | 0.45 |
| WALSH C. OH | 7 | 0.50 | 1 | 0.07 | 1 | 0.07 | 5 | 0.36 |
| WHEELING C. WV | 33 | 1.69 | 2 | 0.10 | 3 | 0.15 | 26 | 1.33 |

ASSOCIATION OF CATHOLIC COLLEGES AND UNIVERSITIES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| XAVIER U. OF LOUISIANA | 19 | 0.56 | 7 | 0.21 | 2 | 0.06 | 10 | 0.29 |
| XAVIER U. OH | 120 | 1.47 | 19 | 0.23 | 13 | 0.16 | 84 | 1.03 |

ASSOCIATION OF CATHOLIC COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| ALBERTUS MAGNUS C. CT | 0 | 0.00 | 5 | 0.36 | 5 | 0.36 | 5 | 0.36 |
| ALLENTOWN C. OF ST. FRANCIS DE SALES PA | 1 | 0.07 | 9 | 0.62 | 4 | 0.28 | 3 | 0.21 |
| ALVERNIA C. PA | 0 | 0.00 | 1 | 0.10 | 0 | 0.00 | 2 | 0.19 |
| ALVERNO C. WI | 0 | 0.00 | 0 | 0.00 | 4 | 0.17 | 1 | 0.04 |
| ANNA MARIA C. MA | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 | 1 | 0.06 |
| AQUINAS C. MI | 0 | 0.00 | 2 | 0.05 | 2 | 0.05 | 8 | 0.20 |
| ASSUMPTION C. MA | 0 | 0.00 | 2 | 0.06 | 9 | 0.28 | 16 | 0.49 |
| AVILA C. MO | 1 | 0.03 | 3 | 0.09 | 2 | 0.06 | 4 | 0.12 |
| BARAT C. IL | 0 | 0.00 | 3 | 0.16 | 2 | 0.11 | 8 | 0.44 |
| BARRY C. FL | 0 | 0.00 | 3 | 0.09 | 2 | 0.06 | 3 | 0.09 |
| BAYAMON CENTRAL U. PR | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BELLARMINE C. KY | 1 | 0.03 | 13 | 0.44 | 9 | 0.30 | 8 | 0.27 |
| BELMONT ABBEY C. NC | 0 | 0.00 | 0 | 0.00 | 6 | 0.36 | 1 | 0.06 |
| BENEDICTINE C. KS | 1 | 0.03 | 17 | 0.55 | 5 | 0.16 | 13 | 0.42 |
| BOSTON C. MA | 5 | 0.02 | 68 | 0.27 | 84 | 0.33 | 100 | 0.39 |
| BRESCIA C. KY | 0 | 0.00 | 4 | 0.25 | 2 | 0.12 | 1 | 0.06 |
| BRIAR CLIFF C. IA | 0 | 0.00 | 1 | 0.05 | 1 | 0.05 | 1 | 0.05 |
| CABRINI C. PA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CALDWELL C. NJ | 0 | 0.00 | 0 | 0.00 | 2 | 0.13 | 1 | 0.06 |
| CALUMET C. IN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| CANISIUS C. NY | 2 | 0.03 | 32 | 0.47 | 32 | 0.47 | 35 | 0.51 |
| CARDINAL STRITCH C. WI | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 1 | 0.09 |

ASSOCIATION OF CATHOLIC COLLEGES
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DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| CARLOW C. PA | 0 | 0.00 | 0 | 0.00 | 4 | 0.17 | 2 | 0.08 |
| CARROLL C. MT | 3 | 0.12 | 3 | 0.12 | 7 | 0.28 | 3 | 0.12 |
| CATHOLIC U. OF AMERICA DC | 23 | 0.34 | 28 | 0.42 | 25 | 0.37 | 43 | 0.64 |
| CATHOLIC U. OF PUERIO RICO | 0 | 0.00 | 3 | 0.03 | 1 | 0.01 | 2 | 0.02 |
| CHAMINADE U. OF HONOLULU | 0 | 0.00 | 0 | 0.00 | 3 | 0.08 | 6 | 0.15 |
| CHESINUT HILL C. PA | 0 | 0.00 | 8 | 0.31 | 9 | 0.35 | 7 | 0.27 |
| CHRISTIAN BROTHERS C. TN | 3 | 0.14 | 4 | 0.18 | 2 | 0.09 | 0 | 0.00 |
| CLARKE C. IA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 4 | 0.26 |
| COLLEGE MISERICORDIA PA | 0 | 0.00 | 1 | 0.04 | 1 | 0.04 | 2 | 0.07 |
| CREIGHION U. NE | 1 | 0.01 | 19 | 0.24 | 21 | 0.26 | 33 | 0.41 |
| U. OF DALLAS TX | 1 | 0.05 | 11 | 0.54 | 14 | 0.69 | 16 | 0.79 |
| U. OF DAYION OH | 42 | 0.23 | 50 | 0.27 | 49 | 0.27 | 55 | 0.30 |
| DEPAUL U. IL | 1 | 0.01 | 21 | 0.14 | 19 | 0.13 | 31 | 0.21 |
| U. OF DETROIT MI | 23 | 0.21 | 25 | 0.22 | 23 | 0.21 | 27 | 0.24 |
| DIVINE WORD C. IA SEM | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 2 | 1.02 |
| DOMINICAN C. NY | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 |
| DOMINICAN C. OF SAN RAFAEL CA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 2 | 0.19 |
| DUQUESNE U. PA | 1 | 0.01 | 16 | 0.12 | 20 | 0.15 | 29 | 0.22 |
| EDGEWOOD C. WI | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 2 | 0.19 |
| C. OF OUR LADY OF THE ELMS MA | 1 | 0.07 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| EMMANUEL C. MA | 0 | 0.00 | 3 | 0.09 | 12 | 0.35 | 19 | 0.56 |
| FAIRFIELD U. CT | 0 | 0.00 | 23 | 0.32 | 40 | 0.55 | 50 | 0.69 |

ASSOCIATION OF CATHOLIC COLLEGES
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DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| FELICIAN C. NJ | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FONTBONNE C. MO | 0 | 0.00 | 1 | 0.05 | 0 | 0.00 | 0 | 0.00 |
| FORDHAM U. NY | 1 | 0.01 | 54 | 0.27 | 71 | 0.36 | 130 | 0.65 |
| FRANCISCAN U. OF STEUBENVILLE OH | 1 | 0.04 | 4 | 0.17 | 2 | 0.08 | 5 | 0.21 |
| GANNON U. PA | 1 | 0.02 | 16 | 0.29 | 20 | 0.36 | 9 | 0.16 |
| GEORGETOWN U. DC | 0 | 0.00 | 32 | 0.21 | 44 | 0.29 | 130 | 0.87 |
| GEORGIAN COURT C. NJ | 0 | 0.00 | 1 | 0.04 | 4 | 0.18 | 2 | 0.09 |
| GONZAGA U. WA | 4 | 0.09 | 12 | 0.26 | 12 | 0.26 | 13 | 0.28 |
| C. OF GREAT FALLS MT | 0 | 0.00 | 2 | 0.12 | 0 | 0.00 | 2 | 0.12 |
| GWYNEDD-MERCY C. PA | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 0 | 0.00 |
| C. OF THE HOLY CROSS MA | 2 | 0.03 | 44 | 0.58 | 37 | 0.49 | 46 | 0.60 |
| HOLY FAMILY C. PA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 |
| HOLY NAMES C. CA | 0 | 0.00 | 0 | 0.00 | 2 | 0.16 | 2 | 0.16 |
| ILLINOIS BENEDICTINE C. | 2 | 0.08 | 29 | 1.13 | 17 | 0.66 | 3 | 0.12 |
| IMMACULATA C. PA | 0 | 0.00 | 2 | 0.07 | 1 | 0.04 | 4 | 0.14 |
| IONA C. NY | 4 | 0.05 | 6 | 0.07 | 11 | 0.13 | 22 | 0.26 |
| JOHN CARROLL U. OH | 5 | 0.07 | 31 | 0.45 | 28 | 0.41 | 26 | 0.38 |
| KANSAS NEWMAN C. KS | 0 | 0.00 | 2 | 0.13 | 1 | 0.07 | 0 | 0.00 |
| KING'S C. PA | 1 | 0.02 | 39 | 0.73 | 6 | 0.11 | 17 | 0.32 |
| LA ROCHE C. PA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| LA SALLE C. PA | 4 | 0.03 | 31 | 0.23 | 36 | 0.27 | 55 | 0.41 |
| LE MOYNE C. NY | 2 | 0.04 | 16 | 0.30 | 16 | 0.30 | 21 | 0.40 |

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DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| LEWIS U. IL | 1 | 0.02 | 16 | 0.26 | 7 | 0.11 | 12 | 0.20 |
| LORAS C. IA | 1 | 0.03 | 9 | 0.27 | 14 | 0.42 | 16 | 0.48 |
| LOYOLA C. MD | 6 | 0.11 | 16 | 0.28 | 22 | 0.39 | 23 | 0.41 |
| LOYOLA MARYMOUNT U. CA | 12 | 0.15 | 11 | 0.14 | 16 | 0.20 | 24 | 0.31 |
| LOYOLA U. IN NEW ORLEANS LA | 1 | 0.01 | 10 | 0.14 | 9 | 0.12 | 21 | 0.29 |
| LOYOLA U. OF CHICAGO IL | 4 | 0.02 | 35 | 0.19 | 77 | 0.42 | 131 | 0.71 |
| MADONNA C. MI | 0 | 0.00 | 1 | 0.03 | 3 | 0.09 | 0 | 0.00 |
| MANHATTAN C. NY | 31 | 0.32 | 64 | 0.65 | 59 | 0.60 | 35 | 0.36 |
| MARIAN C. IN | 0 | 0.00 | 1 | 0.05 | 5 | 0.27 | 2 | 0.11 |
| MARIAN C. OF FOND DU LAC WI | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 | 2 | 0.17 |
| MARIST C. NY | 1 | 0.02 | 12 | 0.27 | 11 | 0.24 | 18 | 0.40 |
| MARQUETTE U. WI | 29 | 0.16 | 47 | 0.25 | 57 | 0.31 | 70 | 0.38 |
| MARY C. ND | 0 | 0.00 | 0 | 0.00 | 2 | 0.09 | 1 | 0.05 |
| MARYMOUNT C. NY | 0 | 0.00 | 3 | 0.10 | 6 | 0.19 | 11 | 0.35 |
| MARYMOUNT C. OF KANSAS | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 |
| MARYMOUNT C. OF VIRGINIA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MARYMOUNT MANHATTAN C. NY | 0 | 0.00 | 1 | 0.03 | 4 | 0.11 | 10 | 0.28 |
| MARYWOOD C. PA | 0 | 0.00 | 2 | 0.04 | 9 | 0.20 | 7 | 0.15 |
| MERCY C. OF DETROIT MI | 0 | 0.00 | 1 | 0.03 | 3 | 0.08 | 3 | 0.08 |
| MERRIMACK C. MA | 4 | 0.07 | 27 | 0.46 | 14 | 0.24 | 12 | 0.20 |
| MOLLOY C. NY | 0 | 0.00 | 0 | 0.00 | 5 | 0.15 | 2 | 0.06 |
| C. OF MOUNT SAINT VINCENT NY | 1 | 0.04 | 3 | 0.11 | 10 | 0.36 | 10 | 0.36 |
| MOUNT MARTY C. SD | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 | 0 | 0.00 |

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1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| MOUNT MARY C. WI | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 |
| MOUNT MERCY C. IA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |
| C. OF MOUNT ST. JOSEPH-ON-THE-OHIO | 0 | 0.00 | 2 | 0.08 | 5 | 0.20 | 2 | 0.08 |
| MOUNT SAINT MARY C. NY | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 | 3 | 0.13 |
| MOUNT ST. MARY'S C. CA | 0 | 0.00 | 1 | 0.05 | 2 | 0.10 | 1 | 0.05 |
| MOUNT ST. MARY'S C. MD | 1 | 0.03 | 5 | 0.13 | 16 | 0.42 | 8 | 0.21 |
| MUNDELEIN C. IL | 0 | 0.00 | 2 | 0.06 | 1 | 0.03 | 7 | 0.22 |
| NAZARETH C. MI | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 |
| NAZARETH C. OF ROCHESTER NY | 0 | 0.00 | 1 | 0.02 | 6 | 0.15 | 3 | 0.07 |
| NEUMANN C. PA | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 |
| C. OF NEW ROCHELLE NY | 0 | 0.00 | 3 | 0.06 | 4 | 0.08 | 10 | 0.20 |
| NIAGARA U. NY | 0 | 0.00 | 11 | 0.14 | 18 | 0.24 | 7 | 0.09 |
| C. OF NOTRE DAME OF MARYLAND | 1 | 0.05 | 3 | 0.14 | 7 | 0.33 | 5 | 0.24 |
| U. OF NOTRE DAME IN | 97 | 0.46 | 122 | 0.58 | 132 | 0.63 | 136 | 0.65 |
| NOTRE DAME C. NH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NOTRE DAME C. OH | 1 | 0.09 | 4 | 0.36 | 4 | 0.36 | 0 | 0.00 |
| OHIO DOMINICAN C. | 1 | 0.05 | 0 | 0.00 | 5 | 0.24 | 5 | 0.24 |
| OUR LADY OF HOLY CROSS C. LA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| OUR LADY OF THE LAKE U.OF SAN ANTONIO TX | 1 | 0.03 | 1 | 0.03 | 4 | 0.13 | 5 | 0.17 |
| U. OF PORTLAND OR | 5 | 0.11 | 4 | 0.09 | 4 | 0.09 | 9 | 0.19 |
| PROVIDENCE C. RI | 1 | 0.01 | 32 | 0.34 | 37 | 0.39 | 27 | 0.29 |

ASSOCIATION OF CATHOLIC COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| QUINCY C. IL | 0 | 0.00 | 6 | 0.15 | 8 | 0.21 | 11 | 0.28 |
| REGIS C. CO | 2 | 0.07 | 5 | 0.18 | 4 | 0.14 | 3 | 0.11 |
| REGIS C. MA | 0 | 0.00 | 1 | 0.04 | 7 | 0.29 | 11 | 0.46 |
| RIVIER C. NH | 0 | 0.00 | 0 | 0.00 | 2 | 0.12 | 0 | 0.00 |
| ROCKHURST C. MO | 3 | 0.08 | 6 | 0.16 | 9 | 0.24 | 13 | 0.34 |
| ROSARY C. IL | 0 | 0.00 | 2 | 0.08 | 2 | 0.08 | 6 | 0.24 |
| ROSEMONT C. PA | 0 | 0.00 | 4 | 0.24 | 3 | 0.18 | 5 | 0.30 |
| SACRED HEART U. CT | 0 | 0.00 | 2 | 0.05 | 2 | 0.05 | 1 | 0.03 |
| ST. AMBROSE C. IA | 0 | 0.00 | 4 | 0.11 | 6 | 0.16 | 7 | 0.19 |
| SAINT ANSELM C. NH | 1 | 0.02 | 10 | 0.25 | 15 | 0.37 | 14 | 0.35 |
| C. OF SAINT BENEDICT MN | 0 | 0.00 | 2 | 0.06 | 5 | 0.16 | 1 | 0.03 |
| SAINT BONAVENTURE U. NY | 0 | 0.00 | 5 | 0.08 | 17 | 0.28 | 18 | 0.30 |
| C. OF SAINT CATHERINE MN | 1 | 0.02 | 5 | 0.11 | 1 | 0.02 | 7 | 0.15 |
| SAINT EDWARD'S U. TX | 1 | 0.03 | 0 | 0.00 | 3 | 0.09 | 8 | 0.25 |
| C. OF SAINT ELIZABETH NJ | 0 | 0.00 | 3 | 0.16 | 2 | 0.11 | 1 | 0.05 |
| C. OF SAINT FRANCIS IL | 0 | 0.00 | 1 | 0.01 | 2 | 0.03 | 1 | 0.01 |
| SAINT FRANCIS C. PA | 0 | 0.00 | 8 | 0.21 | 14 | 0.36 | 6 | 0.16 |
| SAINT FRANCIS C. IN | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 | 3 | 0.19 |
| ST. FRANCIS C. NY | 0 | 0.00 | 9 | 0.13 | 12 | 0.17 | 14 | 0.20 |
| ST. JOHN'S U. MN | 2 | 0.05 | 38 | 0.89 | 30 | 0.70 | 17 | 0.40 |
| SAINT JOHN'S U. NY | 2 | 0.01 | 21 | 0.09 | 47 | 0.21 | 50 | 0.22 |
| SAINT JOSEPH C. CT | 0 | 0.00 | 2 | 0.10 | 3 | 0.15 | 0 | 0.00 |
| C. OF SAINT JOSEPH VT | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |

ASSOCIATION OF CATHOLIC COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| SAINT JOSEPH'S C. IN | 0 | 0.00 | 5 | 0.16 | 3 | 0.10 | 8 | 0.26 |
| SAINT JOSEPH'S C. ME | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |
| SAINT JOSEPH'S U. PA | 2 | 0.02 | 60 | 0.56 | 31 | 0.29 | 41 | 0.38 |
| SAINT LEO C. FL | 0 | 0.00 | 0 | 0.00 | 1 | 0.02 | 1 | 0.02 |
| SAINT LOUIS U. MO | 8 | 0.05 | 31 | 0.21 | 47 | 0.32 | 83 | 0.57 |
| SAINT MARTIN'S C. WA | 3 | 0.16 | 4 | 0.21 | 0 | 0.00 | 4 | 0.21 |
| SAINT MARY C. KS | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 | 2 | 0.14 |
| C. OF SAINT MARY NE | 0 | 0.00 | 1 | 0.12 | 1 | 0.12 | 3 | 0.36 |
| SAINT MARY OF THE PLAINS C. KS | 0 | 0.00 | 4 | 0.27 | 1 | 0.07 | 0 | 0.00 |
| SAINT MARY'S C. MI | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SAINT MARY'S C. IN | 0 | 0.00 | 5 | 0.11 | 11 | 0.24 | 10 | 0.22 |
| SAINT MARY'S C. MN | 0 | 0.00 | 8 | 0.27 | 9 | 0.30 | 8 | 0.27 |
| SAINT MARY-OF-THE-WOODS C. IN | 1 | 0.07 | 2 | 0.14 | 0 | 0.00 | 1 | 0.07 |
| SAINT MICHAEL'S C. VT | 0 | 0.00 | 13 | 0.33 | 9 | 0.23 | 8 | 0.20 |
| SAINT NORBERT C. WI | 1 | 0.03 | 7 | 0.18 | 9 | 0.23 | 11 | 0.28 |
| SAINT PETER'S C. NJ | 0 | 0.00 | 15 | 0.18 | 20 | 0.24 | 21 | 0.25 |
| C. OF SAINT ROSE NY | 0 | 0.00 | 2 | 0.05 | 3 | 0.08 | 1 | 0.03 |
| C. OF SAINT SCHOLASTICA MN | 0 | 0.00 | 1 | 0.04 | 3 | 0.12 | 0 | 0.00 |
| C. OF SAINT TERESA MN | 1 | 0.04 | 1 | 0.04 | 4 | 0.15 | 1 | 0.04 |
| ST. THOMAS AQUINAS C. NY | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |
| C. OF ST. THOMAS MN | 1 | 0.02 | 27 | 0.48 | 17 | 0.30 | 11 | 0.19 |
| U. OF SAINT THOMAS TX | 0 | 0.00 | 10 | 0.37 | 7 | 0.26 | 5 | 0.18 |

ASSOCIATION OF CATHOLIC COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| SAINT VINCENT C. PA | 3 | 0.12 | 7 | 0.28 | 9 | 0.35 | 11 | 0.43 |
| SALVE REGINA-THE NEWPORT C. RI | 0 | 0.00 | 0 | 0.00 | 4 | 0.14 | 1 | 0.03 |
| U. OF SAN DIEGO CA | 0 | 0.00 | 5 | 0.13 | 5 | 0.13 | 15 | 0.39 |
| U. OF SAN FRANCISCO CA | 3 | 0.02 | 22 | 0.17 | 35 | 0.27 | 44 | 0.34 |
| SANTA CLARA U. CA | 11 | 0.11 | 51 | 0.51 | 20 | 0.20 | 39 | 0.39 |
| C. OF SANTA FE NM | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 2 | 0.10 |
| U. OF SCRANTON PA | 0 | 0.00 | 26 | 0.37 | 21 | 0.30 | 32 | 0.46 |
| SEATTLE U. WA | 8 | 0.11 | 14 | 0.19 | 14 | 0.19 | 11 | 0.15 |
| SETON HALL U. NJ | 1 | 0.01 | 20 | 0.14 | 23 | 0.16 | 34 | 0.23 |
| SETON HILL C. PA | 0 | 0.00 | 1 | 0.04 | 6 | 0.27 | 6 | 0.27 |
| SIENA C. NY | 2 | 0.03 | 10 | 0.16 | 12 | 0.19 | 13 | 0.21 |
| SIENA HEIGHTS C. MI | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 5 | 0.23 |
| SILVER LAKE C. OF THE HOLY FAMILY WI | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SPALDING C. KY | 0 | 0.00 | 1 | 0.05 | 4 | 0.19 | 2 | 0.10 |
| SPRING HILL C. AL | 0 | 0.00 | 7 | 0.36 | 5 | 0.26 | 8 | 0.41 |
| STONEHILL C. MA | 1 | 0.02 | 8 | 0.16 | 14 | 0.27 | 16 | 0.31 |
| THOMAS MORE C. KY | 3 | 0.10 | 21 | 0.72 | 19 | 0.65 | 23 | 0.79 |
| TRINITY C. DC | 0 | 0.00 | 2 | 0.12 | 3 | 0.18 | 10 | 0.59 |
| TRINITY C. VT | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| URSULINE C. OH | 0 | 0.00 | 1 | 0.07 | 0 | 0.00 | 0 | 0.00 |
| VILLA MARIA C. PA | 0 | 0.00 | 0 | 0.00 | 3 | 0.19 | 1 | 0.06 |
| VILLANOVA U. PA | 21 | 0.12 | 67 | 0.37 | 73 | 0.41 | 44 | 0.25 |

ASSOCIATION OF CATHOLIC COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| VITERBO C. WI | 0 | 0.00 | 2 | 0.11 | 5 | 0.28 | 1 | 0.06 |
| WALSH C. OH | 0 | 0.00 | 1 | 0.07 | 2 | 0.14 | 2 | 0.14 |
| WHEELING C. WV | 0 | 0.00 | 6 | 0.31 | 9 | 0.46 | 11 | 0.56 |
| XAVIER U. OF LOUISIANA | 1 | 0.03 | 1 | 0.03 | 6 | 0.18 | 2 | 0.06 |
| XAVIER U. OH | 6 | 0.07 | 26 | 0.32 | 17 | 0.21 | 35 | 0.43 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 105 | 2.17 | 10 | 0.21 | 8 | 0.17 | 83 | 1.72 |
| ALMA C. MI | 58 | 1.88 | 6 | 0.19 | 4 | 0.13 | 45 | 1.46 |
| AMHERST C. MA | 261 | 6.02 | 75 | 1.73 | 7 | 0.16 | 175 | 4.04 |
| ANTIOCH C. OH | 197 | 2.47 | 23 | 0.29 | 21 | 0.26 | 152 | 1.91 |
| BARNARD C. NY | 336 | 5.21 | 95 | 1.47 | 15 | 0.23 | 218 | 3.38 |
| BATES C. ME | 147 | 3.94 | 15 | 0.40 | 9 | 0.24 | 118 | 3.16 |
| BELOIT C. WI | 158 | 4.37 | 32 | 0.88 | 9 | 0.25 | 112 | 3.10 |
| BOWDOIN C. ME | 177 | 4.62 | 23 | 0.60 | 13 | 0.34 | 137 | 3.58 |
| BRYN MAWR C. PA | 202 | 7.47 | 86 | 3.18 | 4 | 0.15 | 110 | 4.07 |
| BUCKNELL U. PA | 366 | 4.21 | 45 | 0.52 | 32 | 0.37 | 284 | 3.27 |
| CARLETON C. MN | 369 | 8.15 | 70 | 1.55 | 6 | 0.13 | 287 | 6.34 |
| COLGATE U. NY | 250 | 3.35 | 40 | 0.54 | 20 | 0.27 | 188 | 2.52 |
| COLORADO C. | 157 | 2.80 | 25 | 0.45 | 6 | 0.11 | 125 | 2.23 |
| DAVIDSON C. NC | 194 | 5.43 | 37 | 1.03 | 13 | 0.36 | 135 | 3.78 |
| DENISON U. OH | 192 | 3.14 | 23 | 0.38 | 13 | 0.21 | 149 | 2.44 |
| DEPAUW U. IN | 172 | 2.82 | 20 | 0.33 | 10 | 0.16 | 132 | 2.17 |
| EARLHAM C. IN | 136 | 4.71 | 20 | 0.69 | 8 | 0.28 | 105 | 3.64 |
| FRANKLIN & MARSHALL C. PA | 240 | 4.03 | 27 | 0.45 | 11 | 0.18 | 197 | 3.31 |
| GRINNELL C. IA | 204 | 5.84 | 38 | 1.09 | 8 | 0.23 | 155 | 4.44 |
| HAMILTON C. NY | 167 | 3.67 | 45 | 0.99 | 7 | 0.15 | 110 | 2.42 |
| HAMPTON U. VA | 60 | 0.93 | 3 | 0.05 | 23 | 0.36 | 29 | 0.45 |
| HARVEY MUDD C. CA | 219 | 19.73 | 1 | 0.09 | 1 | 0.09 | 215 | 19.37 |
| HAVERFORD C. PA | 225 | 9.19 | 46 | 1.88 | 4 | 0.16 | 172 | 7.03 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| C. OF THE HOLY CROSS MA | 181 | 2.38 | 40 | 0.53 | 8 | 0.11 | 129 | 1.70 |
| HOPE C. MI | 164 | 3.03 | 15 | 0.28 | 18 | 0.33 | 124 | 2.29 |
| KALAMAZOO C. MI | 216 | 6.33 | 34 | 1.00 | 6 | 0.18 | 171 | 5.01 |
| KENYON C. OH | 151 | 3.99 | 42 | 1.11 | 10 | 0.26 | 95 | 2.51 |
| LAFAYETTE C. PA | 161 | 2.59 | 10 | 0.16 | 5 | 0.08 | 144 | 2.31 |
| MACALESTER C. MN | 202 | 4.62 | 31 | 0.71 | 19 | 0.43 | 141 | 3.23 |
| MANHATTAN C. NY | 211 | 2.15 | 11 | 0.11 | 9 | 0.09 | 189 | 1.92 |
| MIDDLEBURY C. VT | 167 | 2.89 | 46 | 0.80 | 7 | 0.12 | 114 | 1.97 |
| MOUNT HOLYOKE C. MA | 274 | 4.45 | 64 | 1.04 | 22 | 0.36 | 183 | 2.97 |
| OBERLIN C. OH | 656 | 8.13 | 176 | 2.18 | 34 | 0.42 | 430 | 5.33 |
| OCCIDENTAL C. CA | 213 | 4.27 | 25 | 0.50 | 14 | 0.28 | 170 | 3.40 |
| OHIO WESLEYAN U. | 142 | 2.14 | 21 | 0.32 | 19 | 0.29 | 94 | 1.42 |
| POMONA C. CA | 343 | 8.49 | 61 | 1.51 | 12 | 0.30 | 265 | 6.56 |
| REED C. OR | 302 | 11.24 | 48 | 1.79 | 3 | 0.11 | 251 | 9.34 |
| SAINT OLAF C. MN | 256 | 3.29 | 47 | 0.60 | 18 | 0.23 | 178 | 2.29 |
| SMITH C. MA | 337 | 4.22 | 95 | 1.19 | 17 | 0.21 | 219 | 2.74 |
| SWARTHMORE C. PA | 370 | 10.03 | 66 | 1.79 | 13 | 0.35 | 280 | 7.59 |
| TRINITY C. CT | 184 | 3.60 | 44 | 0.86 | 11 | 0.22 | 124 | 2.43 |
| UNION C. & U. NY | 236 | 3.31 | 15 | 0.21 | 10 | 0.14 | 207 | 2.90 |
| VASSAR C. NY | 288 | 4.36 | 94 | 1.42 | 9 | 0.14 | 183 | 2.77 |
| WABASH C. IN | 96 | 4.36 | 9 | 0.41 | 4 | 0.18 | 80 | 3.63 |
| WELLESLEY C. MA | 326 | 5.21 | 96 | 1.53 | 17 | 0.27 | 203 | 3.25 |
| WESLEYAN U. CT | 364 | 6.15 | 95 | 1.60 | 13 | 0.22 | 244 | 4.12 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| WHEATON C. IL | 190 | 3.09 | 51 | 0.83 | 16 | 0.26 | 108 | 1.76 |
| WHITMAN C. WA | 98 | 3.53 | 12 | 0.43 | 7 | 0.25 | 79 | 2.85 |
| WILLIAMS C. MA | 251 | 4.70 | 42 | 0.79 | 6 | 0.11 | 199 | 3.72 |
| C. OF WOOSTER OH | 205 | 4.05 | 29 | 0.57 | 20 | 0.40 | 150 | 2.96 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| ALBION C. MI | 3 | 0.06 | 25 | 0.52 | 34 | 0.70 | 21 | 0.43 |
| ALMA C. MI | 2 | 0.06 | 10 | 0.32 | 14 | 0.45 | 19 | 0.62 |
| AMHERST C. MA | 7 | 0.16 | 63 | 1.45 | 50 | 1.15 | 55 | 1.27 |
| ANTIOCH C. OH | 2 | 0.03 | 31 | 0.39 | 56 | 0.70 | 63 | 0.79 |
| BARNARD C. NY | 2 | 0.03 | 19 | 0.29 | 59 | 0.91 | 138 | 2.14 |
| BATES C. ME | 3 | 0.08 | 39 | 1.04 | 44 | 1.18 | 32 | 0.86 |
| BELOIT C. WI | 3 | 0.08 | 33 | 0.91 | 30 | 0.83 | 46 | 1.27 |
| BOWDOIN C. ME | 5 | 0.13 | 39 | 1.02 | 52 | 1.36 | 41 | 1.07 |
| BRYN MAWR C. PA | 4 | 0.15 | 26 | 0.96 | 35 | 1.29 | 45 | 1.66 |
| BUCKNELL U. PA | 26 | 0.30 | 93 | 1.07 | 74 | 0.85 | 91 | 1.05 |
| CARLETON C. MN | 10 | 0.22 | 138 | 3.05 | 79 | 1.74 | 60 | 1.33 |
| COLGATE U. NY | 3 | 0.04 | 56 | 0.75 | 65 | 0.87 | 64 | 0.86 |
| COLORADO C. | 2 | 0.04 | 30 | 0.68 | 41 | 0.73 | 44 | 0.79 |
| DAVIDSON C. NC | 7 | 0.20 | 45 | 1.26 | 30 | 0.84 | 53 | 1.48 |
| DENISON U. OH | 3 | 0.05 | 29 | 0.48 | 42 | 0.69 | 75 | 1.23 |
| DEPAUW U. IN | 4 | 0.07 | 32 | 0.53 | 45 | 0.74 | 51 | 0.84 |
| EARLHAM C. IN | 3 | 0.10 | 32 | 1.11 | 38 | 1.32 | 32 | 1.11 |
| FRANKLIN & MARSHALL C. PA | 7 | 0.12 | 73 | 1.23 | 48 | 0.81 | 69 | 1.16 |
| GRINNELL C. IA | 2 | 0.06 | 44 | 1.26 | 55 | 1.58 | 54 | 1.55 |
| HAMILTON C. NY | 1 | 0.02 | 33 | 0.72 | 27 | 0.59 | 49 | 1.08 |
| HAMPTON U. VA | 2 | 0.03 | 1 | 0.02 | 10 | 0.15 | 16 | 0.25 |
| HARVEY MUDD C. CA | 32 | 2.88 | 160 | 14.41 | 14 | 1.26 | 9 | 0.81 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| HAVERFORD C. PA | 6 | 0.25 | 58 | 2.37 | 50 | 2.04 | 58 | 2.37 |
| C. OF THE HOLY CROSS MA | 2 | 0.03 | 44 | 0.58 | 37 | 0.49 | 46 | 0.60 |
| HOPE C. MI | 2 | 0.04 | 52 | 0.96 | 41 | 0.76 | 29 | 0.54 |
| KALAMAZOO C. MI | 10 | 0.29 | 57 | 1.67 | 59 | 1.73 | 45 | 1.32 |
| KENYON C. OH | 5 | 0.13 | 21 | 0.56 | 33 | 0.87 | 36 | 0.95 |
| LAFAYETIE C. PA | 27 | 0.43 | 51 | 0.82 | 37 | 0.59 | 29 | 0.47 |
| MACALESIER C. MN | 5 | 0.11 | 25 | 0.57 | 40 | 0.92 | 71 | 1.62 |
| MANHATTAN C. NY | 31 | 0.32 | 64 | 0.65 | 59 | 0.60 | 35 | 0.36 |
| MIDDLEBURY C. VT | 4 | 0.07 | 36 | 0.62 | 46 | 0.80 | 28 | 0.49 |
| MOUNT HOLYOKE C. MA | 4 | 0.06 | 34 | 0.55 | 68 | 1.10 | 77 | 1.25 |
| OBERLIN C. OH | 6 | 0.07 | 120 | 1.49 | 113 | 1.40 | 191 | 2.37 |
| OCCIDENTAL C. CA | 9 | 0.18 | 55 | 1.10 | 42 | 0.84 | 64 | 1.28 |
| OHIO WESLEYAN U. | 3 | 0.05 | 19 | 0.29 | 43 | 0.65 | 29 | 0.44 |
| POMONA C. CA | 3 | 0.07 | 92 | 2.28 | 92 | 2.28 | 78 | 1.93 |
| REED C. OR | 6 | 0.22 | 87 | 3.24 | 70 | 2.61 | 88 | 3.28 |
| SAINT OLAF C. MN | 4 | 0.05 | 69 | 0.89 | 56 | 0.72 | 49 | 0.63 |
| SMITH C. MA | 0 | 0.00 | 31 | 0.39 | 93 | 1.16 | 95 | 1.19 |
| SWARTHMORE C. PA | 17 | 0.46 | 68 | 1.84 | 70 | 1.90 | 125 | 3.39 |
| TRINITY C. CT | 3 | 0.06 | 30 | 0.59 | 36 | 0.70 | 55 | 1.08 |
| UNION C. & U. NY | 20 | 0.28 | 60 | 0.84 | 69 | 0.97 | 58 | 0.81 |
| VASSAR C. NY | 3 | 0.05 | 23 | 0.35 | 62 | 0.94 | 95 | 1.44 |
| WABASH C. IN | 1 | 0.05 | 28 | 1.27 | 31 | 1.41 | 20 | 0.91 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| WELLESLEY C. MA | 1 | 0.02 | 28 | 0.45 | 62 | 0.99 | 112 | 1.79 |
| WESLEYAN U. CT | 4 | 0.07 | 72 | 1.22 | 65 | 1.10 | 103 | 1.74 |
| WHEATON C. IL | 2 | 0.03 | 37 | 0.60 | 26 | 0.42 | 43 | 0.70 |
| WHITMAN C. WA | 4 | 0.14 | 29 | 1.05 | 24 | 0.87 | 22 | 0.79 |
| WILLIAMS C. MA | 5 | 0.09 | 65 | 1.22 | 45 | 0.84 | 84 | 1.57 |
| C. OF WOOSTER OH | 2 | 0.04 | 69 | 1.36 | 45 | 0.89 | 34 | 0.67 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 78 | 2.98 | 8 | 0.31 | 4 | 0.15 | 64 | 2.44 |
| ALMA C. MI | 42 | 2.62 | 4 | 0.25 | 3 | 0.19 | 34 | 2.12 |
| AMHERST C. MA | 255 | 6.74 | 75 | 1.98 | 6 | 0.16 | 170 | 4.49 |
| ANTIOCH C. OH | 126 | 3.84 | 15 | 0.46 | 9 | 0.27 | 101 | 3.08 |
| BARNARD C. NY | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BATES C. ME | 107 | 5.24 | 8 | 0.39 | 5 | 0.24 | 91 | 4.45 |
| BELOIT C. WI | 112 | 6.19 | 18 | 1.00 | 7 | 0.39 | 84 | 4.64 |
| BOWDOIN C. ME | 152 | 5.34 | 20 | 0.70 | 9 | 0.32 | 119 | 4.18 |
| BRYN MAWR C. PA | 3 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3 | 0.00 |
| BUCKNELL U. PA | 260 | 5.02 | 29 | 0.56 | 18 | 0.35 | 209 | 4.03 |
| CARLETON C. MN | 252 | 10.39 | 38 | 1.57 | 4 | 0.16 | 207 | 8.54 |
| COLGATE U. NY | 219 | 4.08 | 34 | 0.63 | 17 | 0.32 | 166 | 3.09 |
| COLORADO C. | 101 | 3.30 | 12 | 0.39 | 2 | 0.07 | 86 | 2.81 |
| DAVIDSON C. NC | 186 | 6.27 | 37 | 1.25 | 13 | 0.44 | 127 | 4.28 |
| DENISON U. OH | 118 | 3.68 | 16 | 0.50 | 5 | 0.16 | 92 | 2.87 |
| DEPAUW U. IN | 112 | 3.81 | 11 | 0.37 | 3 | 0.10 | 93 | 3.16 |
| EARLHAM C. IN | 96 | 6.71 | 11 | 0.77 | 4 | 0.28 | 79 | 5.52 |
| FRANKLIN & MARSHALL C. PA | 194 | 4.59 | 20 | 0.47 | 7 | 0.17 | 162 | 3.83 |
| GRINNELL C. IA | 135 | 7.23 | 27 | 1.45 | 4 | 0.21 | 104 | 5.57 |
| HAMILTON C. NY | 125 | 4.18 | 34 | 1.14 | 6 | 0.20 | 83 | 2.77 |
| HAMPTON U. VA | 21 | 0.81 | 3 | 0.12 | 6 | 0.23 | 9 | 0.35 |
| HARVEY MUDD C. CA | 205 | 20.46 | 1 | 0.10 | 1 | 0.10 | 201 | 20.06 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| HAVERFORD C. PA | 220 | 9.15 | 45 | 1.87 | 4 | 0.17 | 168 | 6.99 |
| C. OF THE HOLY CROSS MA | 163 | 2.81 | 38 | 0.65 | 8 | 0.14 | 113 | 1.94 |
| HOPE C. MI | 112 | 4.10 | 8 | 0.29 | 9 | 0.33 | 89 | 3.25 |
| KALAMAZOO C. MI | 159 | 8.46 | 22 | 1.17 | 4 | 0.21 | 129 | 6.86 |
| KENYON C. OH | 120 | 4.83 | 30 | 1.21 | 9 | 0.36 | 77 | 3.10 |
| LAFAYETTE C. PA | 143 | 2.96 | 9 | 0.19 | 4 | 0.08 | 128 | 2.65 |
| MACALESTER C. MN | 123 | 5.64 | 16 | 0.73 | 6 | 0.27 | 96 | 4.40 |
| MANHATTAN C. NY | 203 | 2.31 | 11 | 0.13 | 9 | 0.10 | 181 | 2.06 |
| MIDDLEBURY C. VT | 94 | 3.01 | 20 | 0.64 | 1 | 0.03 | 73 | 2.34 |
| MOUNT HOLYOKE C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| OBERLIN C. OH | 424 | 10.44 | 103 | 2.54 | 19 | 0.47 | 292 | 7.19 |
| OCCIDENTAL C. CA | 129 | 4.69 | 13 | 0.47 | 6 | 0.22 | 109 | 3.97 |
| OHIO WESLEYAN U. | 91 | 2.72 | 12 | 0.36 | 9 | 0.27 | 63 | 1.88 |
| POMONA C. CA | 232 | 10.76 | 33 | 1.53 | 6 | 0.28 | 189 | 8.76 |
| REED C. OR | 217 | 13.62 | 31 | 1.95 | 0 | 0.00 | 186 | 11.68 |
| SAINT OLAF C. MN | 172 | 4.60 | 31 | 0.83 | 6 | 0.16 | 127 | 3.40 |
| SMITH C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SWARTHMORE C. PA | 217 | 10.83 | 29 | 1.45 | 5 | 0.25 | 176 | 8.79 |
| TRINITY C. CT | 139 | 4.17 | 41 | 1.23 | 7 | 0.21 | 86 | 2.58 |
| UNION C. & U. NY | 207 | 3.94 | 14 | 0.27 | 9 | 0.17 | 180 | 3.42 |
| VASSAR C. NY | 68 | 3.80 | 15 | 0.84 | 2 | 0.11 | 50 | 2.80 |
| WABASH C. IN | 96 | 4.36 | 9 | 0.41 | 4 | 0.18 | 80 | 3.63 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| WELLESLEY C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WESLEYAN U. CT | 289 | 7.63 | 79 | 2.08 | 8 | 0.21 | 192 | 5.07 |
| WHEATON C. IL | 152 | 4.86 | 37 | 1.18 | 12 | 0.38 | 90 | 2.88 |
| WHITMAN C. WA | 67 | 4.43 | 9 | 0.60 | 4 | 0.26 | 54 | 3.57 |
| WILLIAMS C. MA | 213 | 5.59 | 37 | 0.97 | 5 | 0.13 | 167 | 4.38 |
| C. OF WOOSTER OH | 141 | 5.43 | 11 | 0.42 | 8 | 0.31 | 117 | 4.50 |


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SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 2 | 0.08 | 20 | 0.76 | 27 | 1.03 | 15 | 0.57 |
| ALMA C. MI | 2 | 0.12 | 8 | 0.50 | 12 | 0.75 | 12 | 0.75 |
| AMHERST C. MA | 7 | 0.18 | 62 | 1.64 | 49 | 1.29 | 52 | 1.37 |
| ANTIOCH C. OH | 2 | 0.06 | 26 | 0.79 | 36 | 1.10 | 37 | 1.13 |
| BARNARD C. NY | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BATES C. ME | 1 | 0.05 | 37 | 1.81 | 33 | 1.62 | 20 | 0.98 |
| BELOIT C. WI | 3 | 0.17 | 30 | 1.66 | 23 | 1.27 | 28 | 1.55 |
| BOWDOIN C. ME | 5 | 0.18 | 36 | 1.26 | 43 | 1.51 | 35 | 1.23 |
| BRYN MAWR C. PA | 0 | 0.00 | 1 | 0.00 | 2 | 0.00 | 0 | 0.00 |
| BUCKNELL U. PA | 23 | 0.44 | 74 | 1.43 | 51 | 0.98 | 61 | 1.18 |
| CARLETON C. MN | 8 | 0.33 | 109 | 4.49 | 57 | 2.35 | 33 | 1.36 |
| COLGATE U. NY | 3 | 0.06 | 52 | 0.97 | 55 | 1.02 | 56 | 1.04 |
| COLORADO C. | 2 | 0.07 | 29 | 0.95 | 28 | 0.92 | 27 | 0.88 |
| DAVIDSON C. NC | 7 | 0.24 | 43 | 1.45 | 28 | 0.94 | 49 | 1.65 |
| DENISON U. OH | 3 | 0.09 | 25 | 0.78 | 28 | 0.87 | 36 | 1.12 |
| DEPAUW U. IN | 4 | 0.14 | 27 | 0.92 | 29 | 0.99 | 33 | 1.12 |
| EARLHAM C. IN | 3 | 0.21 | 28 | 1.96 | 30 | 2.10 | 18 | 1.26 |
| FRANKLIN & MARSHALL C. PA | 6 | 0.14 | 64 | 1.51 | 40 | 0.95 | 52 | 1.23 |
| GRINNELL C. IA | 2 | 0.11 | 34 | 1.82 | 33 | 1.77 | 35 | 1.87 |
| HAMILTON C. NY | 1 | 0.03 | 28 | 0.94 | 22 | 0.74 | 32 | 1.07 |
| HAMPTON U. VA | 1 | 0.04 | 1 | 0.04 | 4 | 0.15 | 3 | 0.12 |
| HARVEY MUDD C. CA | 30 | 2.99 | 148 | 14.77 | 14 | 1.40 | 9 | 0.90 |
| HAVERFORD C. PA | 5 | 0.21 | 57 | 2.37 | 50 | 2.08 | 56 | 2.33 |


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SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| C. OF THE HOLY CROSS MA | 2 | 0.03 | 39 | 0.67 | 30 | 0.52 | 42 | 0.72 |
| HOPE C. MI | 2 | 0.07 | 45 | 1.65 | 24 | 0.88 | 18 | 0.66 |
| KALAMAZOO C. MI | 10 | 0.53 | 52 | 2.77 | 36 | 1.91 | 31 | 1.65 |
| KENYON C. OH | 4 | 0.16 | 19 | 0.76 | 25 | 1.01 | 29 | 1.17 |
| LAFAYETTE C. PA | 27 | 0.56 | 48 | 0.99 | 28 | 0.58 | 25 | 0.52 |
| MACALESTER C. MN | 4 | 0.18 | 21 | 0.96 | 27 | 1.24 | 44 | 2.02 |
| MANHATTAN C. NY | 30 | 0.34 | 60 | 0.68 | 56 | 0.64 | 35 | 0.40 |
| MIDDLEBURY C. VT | 4 | 0.13 | 23 | 0.74 | 28 | 0.90 | 18 | 0.58 |
| MOUNT HOLYOKE C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| OBERLIN C. OH | 6 | 0.15 | 97 | 2.39 | 73 | 1.80 | 116 | 2.86 |
| OCCIDENTAL C. CA | 8 | 0.29 | 42 | 1.53 | 22 | 0.80 | 37 | 1.35 |
| OHIO WESLEYAN U. | 3 | 0.09 | 18 | 0.54 | 26 | 0.78 | 16 | 0.48 |
| POMONA C. CA | 3 | 0.14 | 84 | 3.89 | 59 | 2.74 | 43 | 1.99 |
| REED C. OR | 2 | 0.13 | 76 | 4.77 | 51 | 3.20 | 57 | 3.58 |
| SAINT OLAF C. MN | 4 | 0.11 | 63 | 1.68 | 31 | 0.83 | 29 | 0.78 |
| SMITH C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SWARTHMORE C. PA | 15 | 0.75 | 53 | 2.65 | 44 | 2.20 | 64 | 3.20 |
| TRINITY C. CT | 3 | 0.09 | 25 | 0.75 | 27 | 0.81 | 31 | 0.93 |
| UNION C. & U. NY | 20 | 0.38 | 54 | 1.03 | 62 | 1.18 | 44 | 0.84 |
| VASSAR C. NY | 2 | 0.11 | 8 | 0.45 | 15 | 0.84 | 25 | 1.40 |
| WABASH C. IN | 1 | 0.05 | 28 | 1.27 | 31 | 1.41 | 20 | 0.91 |
| WELLESLEY C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WESLEYAN U. CT | 4 | 0.11 | 65 | 1.72 | 50 | 1.32 | 73 | 1.93 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| WHEATON C. IL | 2 | 0.06 | 35 | 1.12 | 20 | 0.64 | 33 | 1.05 |
| WHITMAN C. WA | 4 | 0.26 | 25 | 1.65 | 14 | 0.93 | 11 | 0.73 |
| WILLIAMS C. MA | 5 | 0.13 | 58 | 1.52 | 39 | 1.02 | 65 | 1.71 |
| C. OF WOOSTER OH | 1 | 0.04 | 62 | 2.39 | 32 | 1.23 | 22 | 0.85 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 27 | 1.22 | 2 | 0.09 | 4 | 0.18 | 19 | 0.86 |
| ALMA C. MI | 16 | 1.09 | 2 | 0.14 | 1 | 0.07 | 11 | 0.75 |
| AMHERST C. MA | 6 | 1.09 | 0 | 0.00 | 1 | 0.18 | 5 | 0.91 |
| ANTIOCH C. OH | 71 | 1.51 | 8 | 0.17 | 12 | 0.26 | 51 | 1.09 |
| BARNARD C. NY | 336 | 5.21 | 55 | 1.47 | 15 | 0.23 | 218 | 3.38 |
| BATES C. ME | 40 | 2.37 | 7 | 0.41 | 4 | 0.24 | 27 | 1.60 |
| BELOIT C. WI | 46 | 2.54 | 14 | 0.77 | 2 | 0.11 | 28 | 1.55 |
| BOWDOIN C. ME | 25 | 2.55 | 3 | 0.31 | 4 | 0.41 | 18 | 1.84 |
| BRYN MAWR C. PA | 199 | 7.36 | 86 | 3.18 | 4 | 0.15 | 107 | 3.96 |
| BUCKNELL U. PA | 106 | 3.02 | 16 | 0.46 | 14 | 0.40 | 75 | 2.13 |
| CARLETON C. MN | 117 | 5.56 | 32 | 1.52 | 2 | 0.10 | 80 | 3.80 |
| COLGATE U. NY | 31 | 1.48 | 6 | 0.29 | 3 | 0.14 | 22 | 1.05 |
| COLORADO C. | 56 | 2.20 | 13 | 0.51 | 4 | 0.16 | 39 | 1.53 |
| DAVIDSON C. NC | 8 | 1.31 | 0 | 0.00 | 0 | 0.00 | 8 | 1.31 |
| DENISON U. OH | 74 | 2.55 | 7 | 0.24 | 8 | 0.28 | 57 | 1.97 |
| DEPAUW U. IN | 60 | 1.90 | 9 | 0.29 | 7 | 0.22 | 39 | 1.24 |
| EARLHAM C. IN | 40 | 2.75 | 9 | 0.62 | 4 | 0.27 | 26 | 1.79 |
| FRANKLIN & MARSHALL C. PA | 46 | 2.67 | 7 | 0.41 | 4 | 0.23 | 35 | 2.03 |
| GRINNELL C. IA | 69 | 4.25 | 11 | 0.68 | 4 | 0.25 | 51 | 3.14 |
| HAMILTON C. NY | 42 | 2.69 | 11 | 0.70 | 1 | 0.06 | 27 | 1.73 |
| HAMPTON U. VA | 39 | 1.01 | 0 | 0.00 | 17 | 0.44 | 20 | 0.52 |
| HARVEY MUDD C. CA | 14 | 12.96 | 0 | 0.00 | 0 | 0.00 | 14 | 12.96 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| HAVERFORD C. PA | 5 | 11.63 | 1 | 2.33 | 0 | 0.00 | 4 | 9.30 |
| C. OF THE HOLY CROSS MA | 18 | 1.00 | 2 | 0.11 | 0 | 0.00 | 16 | 0.89 |
| HOPE C. MI | 52 | 1.94 | 7 | 0.26 | 9 | 0.34 | 35 | 1.30 |
| KALAMAZOO C. MI | 57 | 3.72 | 12 | 0.78 | 2 | 0.13 | 42 | 2.74 |
| KENYON C. OH | 31 | 2.39 | 12 | 0.93 | 1 | 0.08 | 18 | 1.39 |
| LAFAYETTE C. PA | 18 | 1.29 | 1 | 0.07 | 1 | 0.07 | 16 | 1.15 |
| MACALESTER C. MN | 79 | 3.61 | 15 | 0.69 | 13 | 0.59 | 45 | 2.06 |
| MANHATTAN C. NY | 8 | 0.76 | 0 | 0.00 | 0 | 0.00 | 8 | 0.76 |
| MIDDLEBURY C. VT | 73 | 2.75 | 26 | 0.98 | 6 | 0.23 | 41 | 1.55 |
| MOUNT HOLYOKE C. MA | 274 | 4.45 | 64 | 1.04 | 22 | 0.36 | 183 | 2.97 |
| OBERLIN C. OH | 232 | 5.79 | 73 | 1.82 | 15 | 0.37 | 138 | 3.45 |
| OCCIDENTAL C. CA | 84 | 3.74 | 12 | 0.53 | 8 | 0.36 | 61 | 2.72 |
| OHIO WESLEYAN U. | 51 | 1.56 | 9 | 0.27 | 10 | 0.31 | 31 | 0.95 |
| POMONA C. CA | 111 | 5.90 | 28 | 1.49 | 6 | 0.32 | 76 | 4.04 |
| REED C. OR | 85 | 7.77 | 17 | 1.55 | 3 | 0.27 | 65 | 5.94 |
| SAINT OLAF C. MN | 84 | 2.08 | 16 | 0.40 | 12 | 0.30 | 51 | 1.26 |
| SMITH C. MA | 337 | 4.22 | 95 | 1.19 | 17 | 0.21 | 219 | 2.74 |
| SWARTHMORE C. PA | 153 | 9.07 | 37 | 2.19 | 8 | 0.47 | 104 | 6.16 |
| TRINITY C. CT | 45 | 2.53 | 3 | 0.17 | 4 | 0.22 | 38 | 2.14 |
| UNION C. & U. NY | 29 | 1.55 | 1 | 0.05 | 1 | 0.05 | 27 | 1.45 |
| VASSAR C. NY | 220 | 4.57 | 79 | 1.64 | 7 | 0.15 | 133 | 2.76 |
| WABASH C. IN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| WELLESLEY C. MA | 326 | 5.21 | 96 | 1.53 | 17 | 0.27 | 203 | 3.25 |
| WESLEYAN U. CT | 75 | 3.52 | 16 | 0.75 | 5 | 0.23 | 52 | 2.44 |
| WHEATON C. IL | 38 | 1.26 | 14 | 0.46 | 4 | 0.13 | 18 | 0.60 |
| WHITMAN C. WA | 31 | 2.45 | 3 | 0.24 | 3 | 0.24 | 25 | 1.98 |
| WILLIAMS C. MA | 38 | 2.48 | 5 | 0.33 | 1 | 0.07 | 32 | 2.09 |
| C. OF WOOSTER OH | 64 | 2.60 | 18 | 0.73 | 12 | 0.49 | 33 | 1.34 |



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SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 1 | 0.05 | 5 | 0.23 | 7 | 0.32 | 6 | 0.27 |
| ALMA C. MI | 0 | 0.00 | 2 | 0.14 | 2 | 0.14 | 7 | 0.48 |
| AMHERST C. MA | 0 | 0.00 | 1 | 0.18 | 1 | 0.18 | 3 | 0.54 |
| ANTIOCH C. OH | 0 | 0.00 | 5 | 0.11 | 20 | 0.43 | 26 | 0.55 |
| BARNARD C. NY | 2 | 0.03 | 19 | 0.29 | 59 | 0.91 | 138 | 2.14 |
| BATES C. ME | 2 | 0.12 | 2 | 0.12 | 11 | 0.65 | 12 | 0.71 |
| BELOIT C. WI | 0 | 0.00 | 3 | 0.17 | 7 | 0.39 | 18 | 1.00 |
| BOWDOIN C. ME | 0 | 0.00 | 3 | 0.31 | 9 | 0.92 | 6 | 0.61 |
| BRYN MAWR C. PA | 4 | 0.15 | 25 | 0.92 | 33 | 1.22 | 45 | 1.66 |
| BUCKNELL U. PA | 3 | 0.09 | 19 | 0.54 | 23 | 0.65 | 30 | 0.85 |
| CARLETON C. MN | 2 | 0.10 | 29 | 1.38 | 22 | 1.05 | 27 | 1.28 |
| COLGATE U. NY | 0 | 0.00 | 4 | 0.19 | 10 | 0.48 | 8 | 0.38 |
| COLORADO C. | 0 | 0.00 | 9 | 0.35 | 13 | 0.51 | 17 | 0.67 |
| DAVIDSON C. NC | 0 | 0.00 | 2 | 0.33 | 2 | 0.33 | 4 | 0.66 |
| DENISON U. OH | 0 | 0.00 | 4 | 0.14 | 14 | 0.48 | 39 | 1.34 |
| DEPAUW U. IN | 0 | 0.00 | 5 | 0.16 | 16 | 0.51 | 18 | 0.57 |
| EARLHAM C. IN | 0 | 0.00 | 4 | 0.27 | 8 | 0.55 | 14 | 0.96 |
| FRANKLIN & MARSHALL C. PA | 1 | 0.06 | 9 | 0.52 | 8 | 0.46 | 17 | 0.99 |
| GRINNELL C. IA | 0 | 0.00 | 10 | 0.62 | 22 | 1.35 | 19 | 1.17 |
| HAMILTON C. NY | 0 | 0.00 | 5 | 0.32 | 5 | 0.32 | 17 | 1.09 |
| HAMPTON U. VA | 1 | 0.03 | 0 | 0.00 | 6 | 0.16 | 13 | 0.34 |
| HARVEY MUDD C. CA | 2 | 1.85 | 12 | 11.11 | 0 | 0.00 | 0 | 0.00 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| HAVERFORD C. PA | 1 | 2.33 | 1 | 2.33 | 0 | 0.00 | 2 | 4.65 |
| C. OF THE HOLY CROSS MA | 0 | 0.00 | 5 | 0.28 | 7 | 0.39 | 4 | 0.22 |
| HOPE C. MI | 0 | 0.00 | 7 | 0.26 | 17 | 0.63 | 11 | 0.41 |
| KALAMAZOO C. MI | 0 | 0.00 | 5 | 0.33 | 23 | 1.50 | 14 | 0.91 |
| KENYON C. OH | 1 | 0.08 | 2 | 0.15 | 8 | 0.62 | 7 | 0.54 |
| LAFAYETTE C. PA | 0 | 0.00 | 3 | 0.22 | 9 | 0.65 | 4 | 0.29 |
| MACALESTER C. MN | 1 | 0.05 | 4 | 0.18 | 13 | 0.59 | 27 | 1.23 |
| MANHATTAN C. NY | 1 | 0.10 | 4 | 0.38 | 3 | 0.29 | 0 | 0.00 |
| MIDDLEBURY C. VT | 0 | 0.00 | 13 | 0.49 | 18 | 0.68 | 10 | 0.38 |
| MOUNT HOLYOKE C. MA | 4 | 0.06 | 34 | 0.55 | 68 | 1.10 | 77 | 1.25 |
| OBERLIN C. OH | 0 | 0.00 | 23 | 0.57 | 40 | 1.00 | 75 | 1.87 |
| OCCIDENTAL C. CA | 1 | 0.04 | 13 | 0.58 | 20 | 0.89 | 27 | 1.20 |
| OHIO WESLEYAN U. | 0 | 0.00 | 1 | 0.03 | 17 | 0.52 | 13 | 0.40 |
| POMONA C. CA | 0 | 0.00 | 8 | 0.43 | 33 | 1.75 | 35 | 1.86 |
| REED C. OR | 4 | 0.37 | 11 | 1.01 | 19 | 1.74 | 31 | 2.83 |
| SAINT OLAF C. MN | 0 | 0.00 | 6 | 0.15 | 25 | 0.62 | 20 | 0.50 |
| SMITH C. MA | 0 | 0.00 | 31 | 0.39 | 93 | 1.16 | 95 | 1.19 |
| SWARTHMORE C. PA | 2 | 0.12 | 15 | 0.89 | 26 | 1.54 | 61 | 3.62 |
| TRINITY C. CT | 0 | 0.00 | 5 | 0.28 | 9 | 0.51 | 24 | 1.35 |
| UNION C. & U. NY | 0 | 0.00 | 6 | 0.32 | 7 | 0.37 | 14 | 0.75 |
| VASSAR C. NY | 1 | 0.02 | 15 | 0.31 | 47 | 0.98 | 70 | 1.45 |
| WABASH C. IN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WELLESLEY C. MA | 1 | 0.02 | 28 | 0.45 | 62 | 0.99 | 112 | 1.79 |

SCIENCE CONFERENCE PARTICIPANTS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| WESLEYAN U. CT | 0 | 0.00 | 7 | 0.33 | 15 | 0.70 | 30 | 1.41 |
| WHEATON C. IL | 0 | 0.00 | 2 | 0.07 | 6 | 0.20 | 10 | 0.33 |
| WHITMAN C. WA | 0 | 0.00 | 4 | 0.32 | 10 | 0.79 | 11 | 0.87 |
| WILLIAMS C. MA | 0 | 0.00 | 7 | 0.46 | 6 | 0.39 | 19 | 1.24 |
| C. OF WOOSTER OH | 1 | 0.04 | 7 | 0.28 | 13 | 0.53 | 12 | 0.49 |

GREAT LAKES COLLEGES ASSOCIATION
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 105 | 2.17 | 10 | 0.21 | 8 | 0.17 | 83 | 1.72 |
| ANTIOCH C. OH | 197 | 2.47 | 23 | 0.29 | 21 | 0.26 | 152 | 1.91 |
| DENISON U. OH | 192 | 3.14 | 23 | 0.38 | 13 | 0.21 | 149 | 2.44 |
| DEPAUW U. IN | 172 | 2.82 | 20 | 0.33 | 10 | 0.16 | 132 | 2.17 |
| EARLHAM C. IN | 136 | 4.71 | 20 | 0.69 | 8 | 0.28 | 105 | 3.64 |
| HOPE C. MI | 164 | 3.03 | 15 | 0.28 | 18 | 0.33 | 124 | 2.29 |
| KALAMAZOO C. MI | 216 | 6.33 | 34 | 1.00 | 6 | 0.18 | 171 | 5.01 |
| KENYON C. OH | 151 | 3.99 | 42 | 1.11 | 10 | 0.26 | 95 | 2.51 |
| OBERLIN C. OH | 656 | 8.13 | 176 | 2.18 | 34 | 0.42 | 430 | 5.33 |
| OHIO WESLEYAN U. | 142 | 2.14 | 21 | 0.32 | 19 | 0.29 | 94 | 1.42 |
| WABASH C. IN | 96 | 4.36 | 9 | 0.41 | 4 | 0.18 | 80 | 3.63 |
| C. OF WOOSTER OH | 205 | 4.05 | 29 | 0.57 | 20 | 0.40 | 150 | 2.96 |

GREAT LAKES COLLEGES ASSOCIATION
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| ALBION C. MI | 3 | 0.06 | 25 | 0.52 | 34 | 0.70 | 21 | 0.43 |
| ANTIOCH C. OH | 2 | 0.03 | 31 | 0.39 | 56 | 0.70 | 63 | 0.79 |
| DENISON U. OH | 3 | 0.05 | 29 | 0.48 | 42 | 0.69 | 75 | 1.23 |
| DEPAUW U. IN | 4 | 0.07 | 32 | 0.53 | 45 | 0.74 | 51 | 0.84 |
| EARLHAM C. IN | 3 | 0.10 | 32 | 1.11 | 38 | 1.32 | 32 | 1.11 |
| HOPE C. MI | 2 | 0.04 | 52 | 0.96 | 41 | 0.76 | 29 | 0.54 |
| KALAMAZOO C. MI | 10 | 0.29 | 57 | 1.67 | 59 | 1.73 | 45 | 1.32 |
| KENYON C. OH | 5 | 0.13 | 21 | 0.56 | 33 | 0.87 | 36 | 0.95 |
| OBERLIN C. OH | 6 | 0.07 | 120 | 1.49 | 113 | 1.40 | 191 | 2.37 |
| OHIO WESLEYAN U. | 3 | 0.05 | 19 | 0.29 | 43 | 0.65 | 29 | 0.44 |
| WABASH C. IN | 1 | 0.05 | 28 | 1.27 | 31 | 1.41 | 20 | 0.91 |
| C. OF WOOSTER OH | 2 | 0.04 | 69 | 1.36 | 45 | 0.89 | 34 | 0.67 |

GREAT LAKES COLLEGES ASSOCIATION
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 78 | 2.98 | 8 | 0.31 | 4 | 0.15 | 64 | 2.44 |
| ANTIOCH C. OH | 126 | 3.84 | 15 | 0.46 | 9 | 0.27 | 101 | 3.08 |
| DENISON U. OH | 118 | 3.68 | 16 | 0.50 | 5 | 0.16 | 92 | 2.87 |
| DEPAUW U. IN | 112 | 3.81 | 11 | 0.37 | 3 | 0.10 | 93 | 3.16 |
| EARLHAM C. IN | 96 | 6.71 | 11 | 0.77 | 4 | 0.28 | 79 | 5.52 |
| HOPE C. MI | 112 | 4.10 | 8 | 0.29 | 9 | 0.33 | 89 | 3.25 |
| KALAMAZOO C. MI | 159 | 8.46 | 22 | 1.17 | 4 | 0.21 | 129 | 6.86 |
| KENYON C. OH | 120 | 4.83 | 30 | 1.21 | 9 | 0.36 | 77 | 3.10 |
| OBERLIN C. OH | 424 | 10.44 | 103 | 2.54 | 19 | 0.47 | 292 | 7.19 |
| OHIO WESLEYAN U. | 91 | 2.72 | 12 | 0.36 | 9 | 0.27 | 63 | 1.88 |
| WABASH C. IN | 96 | 4.36 | 9 | 0.41 | 4 | 0.18 | 80 | 3.63 |
| C. OF WOOSTER OH | 141 | 5.43 | 11 | 0.42 | 8 | 0.31 | 117 | 4.50 |

GREAT LAKES COLLEGES ASSOCIATION
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 2 | 0.08 | 20 | 0.76 | 27 | 1.03 | 15 | 0.57 |
| ANTIOCH C. OH | 2 | 0.06 | 26 | 0.79 | 36 | 1.10 | 37 | 1.13 |
| DENISON U. OH | 3 | 0.09 | 25 | 0.78 | 28 | 0.87 | 36 | 1.12 |
| DEPAUW U. IN | 4 | 0.14 | 27 | 0.92 | 29 | 0.99 | 33 | 1.12 |
| EARLHAM C. IN | 3 | 0.21 | 28 | 1.96 | 30 | 2.10 | 18 | 1.26 |
| HOPE C. MI | 2 | 0.07 | 45 | 1.65 | 24 | 0.88 | 18 | 0.66 |
| KALAMAZOO C. MI | 10 | 0.53 | 52 | 2.77 | 36 | 1.91 | 31 | 1.65 |
| KENYON C. OH | 4 | 0.16 | 19 | 0.76 | 25 | 1.01 | 29 | 1.17 |
| OBERLIN C. OH | 6 | 0.15 | 97 | 2.39 | 73 | 1.80 | 116 | 2.86 |
| OHIO WESLEYAN U. | 3 | 0.09 | 18 | 0.54 | 26 | 0.78 | 16 | 0.48 |
| WABASH C. IN | 1 | 0.05 | 28 | 1.27 | 31 | 1.41 | 20 | 0.91 |
| C. OF WOOSTER OH | 1 | 0.04 | 62 | 2.39 | 32 | 1.23 | 22 | 0.85 |

GREAT LAKES COLLEGES ASSOCIATION
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 27 | 1.22 | 2 | 0.09 | 4 | 0.18 | 19 | 0.86 |
| ANTIOCH C. OH | 71 | 1.51 | 8 | 0.17 | 12 | 0.26 | 51 | 1.09 |
| DENISON U. OH | 74 | 2.55 | 7 | 0.24 | 8 | 0.28 | 57 | 1.97 |
| DEPAUW U. IN | 60 | 1.90 | 9 | 0.29 | 7 | 0.22 | 39 | 1.24 |
| EARLHAM C. IN | 40 | 2.75 | 9 | 0.62 | 4 | 0.27 | 26 | 1.79 |
| HOPE C. MI | 52 | 1.94 | 7 | 0.26 | 9 | 0.34 | 35 | 1.30 |
| KALAMAZOO C. MI | 57 | 3.72 | 12 | 0.78 | 2 | 0.13 | 42 | 2.74 |
| KENYON C. OH | 31 | 2.39 | 12 | 0.93 | 1 | 0.08 | 18 | 1.39 |
| OBERLIN C. OH | 232 | 5.79 | 73 | 1.82 | 15 | 0.37 | 138 | 3.45 |
| OHIO WESLEYAN U. | 51 | 1.56 | 9 | 0.27 | 10 | 0.31 | 31 | 0.95 |
| WABASH C. IN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| C. OF WOOSTER OH | 64 | 2.60 | 18 | 0.73 | 12 | 0.49 | 33 | 1.34 |

GREAT LAKES COLLEGES ASSOCIATION
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALBION C. MI | 1 | 0.05 | 5 | 0.23 | 7 | 0.32 | 6 | 0.27 |
| ANTIOCH C. OH | 0 | 0.00 | 5 | 0.11 | 20 | 0.43 | 26 | 0.55 |
| DENISON U. OH | 0 | 0.00 | 4 | 0.14 | 14 | 0.48 | 39 | 1.34 |
| DEPAUW U. IN | 0 | 0.00 | 5 | 0.16 | 16 | 0.51 | 18 | 0.57 |
| EARLHAM C. IN | 0 | 0.00 | 4 | 0.27 | 8 | 0.55 | 14 | 0.96 |
| HOPE C. MI | 0 | 0.00 | 7 | 0.26 | 17 | 0.63 | 11 | 0.41 |
| KALAMAZOO C. MI | 0 | 0.00 | 5 | 0.33 | 23 | 1.50 | 14 | 0.91 |
| KENYON C. OH | 1 | 0.08 | 2 | 0.15 | 8 | 0.62 | 7 | 0.54 |
| OBERLIN C. OH | 0 | 0.00 | 23 | 0.57 | 40 | 1.00 | 75 | 1.87 |
| OHIO WESLEYAN U. | 0 | 0.00 | 1 | 0.03 | 17 | 0.52 | 13 | 0.40 |
| WABASH C. IN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| C. OF WOOSTER OH | 1 | 0.04 | 7 | 0.28 | 13 | 0.53 | 12 | 0.49 |

ASSOCIATED COLLEGES OF THE MIDWEST
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| BELOIT C. WI | 158 | 4.37 | 32 | 0.88 | 9 | 0.25 | 112 | 3.10 |
| CARLETON C. MN | 369 | 8.15 | 70 | 1.55 | 6 | 0.13 | 287 | 6.34 |
| COE C. IA | 51 | 1.70 | 3 | 0.10 | 8 | 0.27 | 38 | 1.26 |
| COLORADO C. | 157 | 2.80 | 25 | 0.45 | 6 | 0.11 | 125 | 2.23 |
| CORNELL C. IA | 63 | 2.66 | 15 | 0.63 | 6 | 0.25 | 42 | 1.77 |
| GRINNELL C. IA | 204 | 5.84 | 38 | 1.09 | 8 | 0.23 | 155 | 4.44 |
| KNOX C. IL | 134 | 3.94 | 15 | 0.44 | 6 | 0.18 | 112 | 3.29 |
| LAKE FOREST C. IL | 81 | 2.64 | 7 | 0.23 | 14 | 0.46 | 59 | 1.92 |
| LAWRENCE U. WI | 160 | 4.49 | 33 | 0.93 | 10 | 0.28 | 112 | 3.15 |
| MACALESTER C. MN | 202 | 4.62 | 31 | 0.71 | 19 | 0.43 | 141 | 3.23 |
| MONMOUTH C. IL | 31 | 1.23 | 1 | 0.04 | 0 | 0.00 | 29 | 1.15 |
| RIPON C. WI | 47 | 1.91 | 2 | 0.08 | 4 | 0.16 | 39 | 1.58 |
| SAINT OLAF C. MN | 256 | 3.29 | 47 | 0.60 | 18 | 0.23 | 178 | 2.29 |

ASSOCIATED COLLEGES OF THE MIDWEST
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| BELOIT C. WI | 3 | 0.08 | 33 | 0.91 | 30 | 0.83 | 46 | 1.27 |
| CARLETON C. MN | 10 | 0.22 | 138 | 3.05 | 79 | 1.74 | 60 | 1.33 |
| COE C. IA | 3 | 0.10 | 16 | 0.53 | 9 | 0.30 | 10 | 0.33 |
| COLORADO C. | 2 | 0.04 | 38 | 0.68 | 41 | 0.73 | 44 | 0.79 |
| CORNELL C. IA | 2 | 0.08 | 18 | 0.76 | 15 | 0.63 | 7 | 0.30 |
| GRINNELL C. IA | 2 | 0.06 | 44 | 1.26 | 55 | 1.58 | 54 | 1.55 |
| KNOX C. IL | 0 | 0.00 | 50 | 1.47 | 30 | 0.88 | 32 | 0.94 |
| LAKE FOREST C. IL | 0 | 0.00 | 22 | 0.72 | 9 | 0.29 | 28 | 0.91 |
| LAWRENCE U. WI | 3 | 0.08 | 33 | 0.93 | 40 | 1.12 | 36 | 1.01 |
| MACALESTER C. MN | 5 | 0.11 | 25 | 0.57 | 40 | 0.92 | 71 | 1.62 |
| MONMOUTH C. IL | 1 | 0.04 | 13 | 0.52 | 11 | 0.44 | 4 | 0.16 |
| RIPON C. WI | 1 | 0.04 | 12 | 0.49 | 15 | 0.61 | 11 | 0.45 |
| SAINT OLAF C. MN | 4 | 0.05 | 69 | 0.89 | 56 | 0.72 | 49 | 0.63 |

ASSOCIATED COLLEGES OF THE MIDWEST
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| BELOIT C. WI | 112 | 6.19 | 18 | 1.00 | 7 | 0.39 | 84 | 4.64 |
| CARLETON C. MN | 252 | 10.39 | 38 | 1.57 | 4 | 0.16 | 207 | 8.54 |
| COE C. IA | 39 | 2.48 | 3 | 0.19 | 5 | 0.32 | 29 | 1.84 |
| COLORADO C. | 101 | 3.30 | 12 | 0.39 | 2 | 0.07 | 86 | 2.81 |
| CORNELL C. IA | 47 | 3.68 | 10 | 0.78 | 4 | 0.31 | 33 | 2.59 |
| GRINNELL C. IA | 135 | 7.23 | 27 | 1.45 | 4 | 0.21 | 104 | 5.57 |
| KNOX C. IL | 101 | 5.27 | 8 | 0.42 | 3 | 0.16 | 90 | 4.69 |
| LAKE FOREST C. IL | 53 | 3.30 | 3 | 0.19 | 12 | 0.75 | 37 | 2.31 |
| LAWRENCE U. WI | 118 | 6.49 | 20 | 1.10 | 7 | 0.38 | 89 | 4.89 |
| MACALESTER C. MN | 123 | 5.64 | 16 | 0.73 | 6 | 0.27 | 96 | 4.40 |
| MONMOUTH C. IL | 26 | 1.77 | 1 | 0.07 | 0 | 0.00 | 25 | 1.70 |
| RIPON C. WI | 38 | 2.61 | 1 | 0.07 | 2 | 0.14 | 34 | 2.34 |
| SAINT OLAF C. MN | 172 | 4.60 | 31 | 0.83 | 6 | 0.16 | 127 | 3.40 |



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ASSOCIATED COLLEGES OF THE MIDWEST
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| BELOIT C. WI | 3 | 0.17 | 30 | 1.66 | 23 | 1.27 | 28 | 1.55 |
| CARLETON C. MN | 8 | 0.33 | 109 | 4.49 | 57 | 2.35 | 33 | 1.36 |
| COE C. IA | 3 | 0.19 | 13 | 0.83 | 5 | 0.32 | 8 | 0.51 |
| COLORADO C. | 2 | 0.07 | 29 | 0.95 | 28 | 0.92 | 27 | 0.88 |
| CORNELL C. IA | 1 | 0.08 | 17 | 1.33 | 9 | 0.71 | 6 | 0.47 |
| GRINNELL C. IA | 2 | 0.11 | 34 | 1.82 | 33 | 1.77 | 35 | 1.87 |
| KNOX C. IL | 0 | 0.00 | 43 | 2.24 | 24 | 1.25 | 23 | 1.20 |
| LAKE FOREST C. IL | 0 | 0.00 | 14 | 0.87 | 5 | 0.31 | 18 | 1.12 |
| LAWRENCE U. WI | 3 | 0.16 | 29 | 1.59 | 28 | 1.54 | 29 | 1.59 |
| MACALESTER C. MN | 4 | 0.18 | 21 | 0.96 | 27 | 1.24 | 44 | 2.02 |
| MONMOUTH C. IL | 1 | 0.07 | 12 | 0.82 | 9 | 0.61 | 3 | 0.20 |
| RIPON C. WI | 1 | 0.07 | 11 | 0.76 | 13 | 0.89 | 9 | 0.62 |
| SAINT OLAF C. MN | 4 | 0.11 | 63 | 1.68 | 31 | 0.83 | 29 | 0.78 |

ASSOCIATED COLLEGES OF THE MIDWEST
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| BELOIT C. WI | 46 | 2.54 | 14 | 0.77 | 2 | 0.11 | 28 | 1.55 |
| CARLETON C. MN | 117 | 5.56 | 32 | 1.52 | 2 | 0.10 | 80 | 3.80 |
| COE C. IA | 12 | 0.84 | 0 | 0.00 | 3 | 0.21 | 9 | 0.63 |
| COLORADO C. | 56 | 2.20 | 13 | 0.51 | 4 | 0.16 | 39 | 1.53 |
| CORNELL C. IA | 16 | 1.47 | 5 | 0.46 | 2 | 0.18 | 9 | 0.82 |
| GRINNELL C. IA | 69 | 4.25 | 11 | 0.68 | 4 | 0.25 | 51 | 3.14 |
| KNOX C. IL | 33 | 2.22 | 7 | 0.47 | 3 | 0.20 | 22 | 1.48 |
| LAKE FOREST C. IL | 28 | 1.91 | 4 | 0.27 | 2 | 0.14 | 22 | 1.50 |
| LAWRENCE U. WI | 42 | 2.41 | 13 | 0.75 | 3 | 0.17 | 23 | 1.32 |
| MACALESTER C. MN | 79 | 3.61 | 15 | 0.69 | 13 | 0.59 | 45 | 2.06 |
| MONMOUTH C. IL | 5 | 0.47 | 0 | 0.00 | 0 | 0.00 | 4 | 0.38 |
| RIPON C. WI | 9 | 0.89 | 1 | 0.10 | 2 | 0.20 | 5 | 0.49 |
| SAINT OLAF C. MN | 84 | 2.08 | 16 | 0.40 | 12 | 0.30 | 51 | 1.26 |

ASSOCIATED COLLEGES OF THE MIDWEST
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| BELOIT C. WI | 0 | 0.00 | 3 | 0.17 | 7 | 0.39 | 18 | 1.00 |
| CARLETON C. MN | 2 | 0.10 | 29 | 1.38 | 22 | 1.05 | 27 | 1.28 |
| COE C. IA | 0 | 0.00 | 3 | 0.21 | 4 | 0.28 | 2 | 0.14 |
| COLORADO C. | 0 | 0.00 | 9 | 0.35 | 13 | 0.51 | 17 | 0.67 |
| CORNELL C. IA | 1 | 0.09 | 1 | 0.09 | 6 | 0.55 | 1 | 0.09 |
| GRINNELL C. IA | 0 | 0.00 | 10 | 0.62 | 22 | 1.35 | 19 | 1.17 |
| KNOX C. IL | 0 | 0.00 | 7 | 0.47 | 6 | 0.40 | 9 | 0.61 |
| LAKE FOREST C. IL | 0 | 0.00 | 8 | 0.54 | 4 | 0.27 | 10 | 0.68 |
| LAWRENCE U. WI | 0 | 0.00 | 4 | 0.23 | 12 | 0.69 | 7 | 0.40 |
| MACALESTER C. MN | 1 | 0.05 | 4 | 0.18 | 13 | 0.59 | 27 | 1.23 |
| MONMOUTH C. IL | 0 | 0.00 | 1 | 0.09 | 2 | 0.19 | 1 | 0.09 |
| RIPON C. WI | 0 | 0.00 | 1 | 0.10 | 2 | 0.20 | 2 | 0.20 |
| SAINT OLAF C. MN | 0 | 0.00 | 6 | 0.15 | 25 | 0.62 | 20 | 0.50 |



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HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALABAMA A & M U. | 35 | 0.54 | 1 | 0.02 | 16 | 0.25 | 15 | 0.23 |
| ALABAMA STATE U. | 15 | 0.22 | 1 | 0.01 | 9 | 0.13 | 3 | 0.04 |
| ALBANY STATE C. GA | 19 | 0.57 | 1 | 0.03 | 15 | 0.45 | 3 | 0.09 |
| ALCORN STATE U. MS | 25 | 0.47 | 1 | 0.02 | 14 | 0.26 | 10 | 0.19 |
| ALLEN U. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF ARKANSAS AT PINE BLUFF | 15 | 0.27 | 1 | 0.02 | 9 | 0.16 | 3 | 0.05 |
| ARKANSAS BAPTIST C. | 2 | 0.34 | 0 | 0.00 | 2 | 0.34 | 0 | 0.00 |
| BARBER-SCOTIA C. NC | 2 | 0.21 | 0 | 0.00 | 0 | 0.00 | 1 | 0.11 |
| BENEDICT C. SC | 16 | 0.45 | 0 | 0.00 | 8 | 0.23 | 8 | 0.23 |
| BENNETT C. NC | 11 | 0.78 | 3 | 0.21 | 5 | 0.35 | 2 | 0.14 |
| BETHUNE-COOKMAN C. FL | 17 | 0.50 | 1 | 0.03 | 6 | 0.18 | 8 | 0.23 |
| BISHOP C. TX | 16 | 0.64 | 0 | 0.00 | 8 | 0.32 | 8 | 0.32 |
| BLUEFIELD STATE C. WV | 7 | 0.38 | 0 | 0.00 | 2 | 0.11 | 4 | 0.22 |
| BOWIE STATE C. MD | 24 | 0.83 | 1 | 0.03 | 11 | 0.38 | 10 | 0.34 |
| CENTRAL STATE U. OH | 26 | 0.54 | 2 | 0.04 | 5 | 0.10 | 14 | 0.29 |
| CHEYNEY U. OF PENNSYLVANIA | 22 | 0.50 | 0 | 0.00 | 12 | 0.27 | 8 | 0.18 |
| CLAFLIN C. SC | 3 | 0.15 | 0 | 0.00 | 0 | 0.00 | 3 | 0.15 |
| CLARK C. GA | 18 | 0.62 | 1 | 0.03 | 2 | 0.07 | 13 | 0.45 |
| COPPIN STATE C. MD | 11 | 0.37 | 0 | 0.00 | 6 | 0.20 | 5 | 0.17 |
| DELAWARE STATE C. | 16 | 0.47 | 0 | 0.00 | 6 | 0.18 | 9 | 0.26 |
| DILLARD U. LA | 21 | 0.87 | 1 | 0.04 | 8 | 0.33 | 11 | 0.46 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| U. OF DISTRICT OF COLUMBIA | 49 | 0.65 | 2 | 0.03 | 28 | 0.37 | 15 | 0.20 |
| EDWARD WATERS C. FL | 3 | 0.22 | 0 | 0.00 | 2 | 0.15 | 1 | 0.07 |
| ELIZABETH CITY STATE U. NC | 6 | 0.18 | 0 | 0.00 | 4 | 0.12 | 2 | 0.06 |
| FAYETTEVILLE STATE U. NC | 20 | 0.45 | 0 | 0.00 | 12 | 0.27 | 8 | 0.18 |
| FISK U. TN | 49 | 1.76 | 5 | 0.18 | 11 | 0.39 | 30 | 1.08 |
| FLORIDA AGRICULTURAL & MECHANICAL U. | 45 | 0.53 | 0 | 0.00 | 21 | 0.25 | 19 | 0.22 |
| FLORIDA MEMORIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FORT VALLEY STATE C. GA | 26 | 0.74 | 2 | 0.06 | 8 | 0.23 | 15 | 0.42 |
| GRAMBLING STATE U. LA | 16 | 0.21 | 1 | 0.01 | 9 | 0.12 | 6 | 0.08 |
| HAMPTON U. VA | 60 | 0.93 | 3 | 0.05 | 23 | 0.36 | 29 | 0.45 |
| HARRIS-STOWE STATE C. MO | 13 | 0.59 | 0 | 0.00 | 12 | 0.55 | 1 | 0.05 |
| HOWARD U. DC | 248 | 1.83 | 19 | 0.14 | 41 | 0.30 | 177 | 1.31 |
| HUSTON-TILLOTSON C. TX | 2 | 0.14 | 0 | 0.00 | 1 | 0.07 | 1 | 0.07 |
| JACKSON STATE U. MS | 57 | 0.63 | 6 | 0.07 | 26 | 0.29 | 20 | 0.22 |
| JARVIS CHRISTIAN C. TX | 1 | 0.09 | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 |
| JOHNSON C. SMITH U. NC | 16 | 0.61 | 0 | 0.00 | 8 | 0.30 | 7 | 0.27 |
| KENTUCKY STATE U. | 12 | 0.57 | 0 | 0.00 | 8 | 0.38 | 3 | 0.14 |
| KNOXVILLE C. TN | 15 | 0.93 | 2 | 0.12 | 3 | 0.19 | 9 | 0.56 |
| LANE C. TN | 4 | 0.19 | 1 | 0.05 | 3 | 0.14 | 0 | 0.00 |
| LANGSTON U. OK | 11 | 0.48 | 2 | 0.09 | 6 | 0.26 | 2 | 0.09 |
| LEMOYNE-OWEN C. TN | 6 | 0.37 | 0 | 0.00 | 4 | 0.25 | 2 | 0.12 |
| LINCOLN U. MO | 23 | 0.64 | 2 | 0.06 | 10 | 0.28 | 11 | 0.31 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| LINCOLN U. PA | 41 | 1.74 | 4 | 0.17 | 14 | 0.59 | 22 | 0.93 |
| LIVINGSTONE C. NC | 8 | 0.42 | 1 | 0.05 | 6 | 0.31 | 1 | 0.05 |
| U. OF MARYLAND EASTERN SHORE | 12 | 0.73 | 0 | 0.00 | 4 | 0.24 | 8 | 0.49 |
| MILES C. AL | 5 | 0.23 | 0 | 0.00 | 2 | 0.09 | 3 | 0.14 |
| MISSISSIPPI INDUSTRIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MISSISSIPPI VALLEY STATE U. | 9 | 0.18 | 0 | 0.00 | 6 | 0.12 | 3 | 0.06 |
| MOREHOUSE C. GA | 47 | 1.94 | 8 | 0.33 | 8 | 0.33 | 26 | 1.07 |
| MORGAN STATE U. MD | 63 | 0.77 | 5 | 0.06 | 20 | 0.24 | 33 | 0.40 |
| MORRIS BROWN C. GA | 11 | 0.44 | 2 | 0.08 | 4 | 0.16 | 5 | 0.20 |
| MORRIS C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NORFOLK STATE U. VA | 23 | 0.30 | 2 | 0.03 | 11 | 0.14 | 7 | 0.09 |
| NORTH CAROLINA A & T STATE U. | 65 | 0.75 | 2 | 0.02 | 21 | 0.24 | 39 | 0.45 |
| NORTH CAROLINA CENTRAL U. | 52 | 0.67 | 9 | 0.12 | 16 | 0.21 | 23 | 0.30 |
| OAKWOOD C. AL | 20 | 1.21 | 3 | 0.18 | 4 | 0.24 | 10 | 0.60 |
| PAINE C. GA | 8 | 0.63 | 1 | 0.08 | 3 | 0.24 | 4 | 0.32 |
| PAUL QUINN C. TX | 3 | 0.31 | 0 | 0.00 | 3 | 0.31 | 0 | 0.00 |
| PHILANDER SMITH C. AR | 3 | 0.22 | 0 | 0.00 | 0 | 0.00 | 3 | 0.22 |
| PRAIRIE VIEW A. & M. TX | 12 | 0.18 | 0 | 0.00 | 6 | 0.09 | 3 | 0.04 |
| RUST C. MS | 5 | 0.32 | 0 | 0.00 | 1 | 0.06 | 3 | 0.19 |
| SAINT AUGUSTINE'S C. NC | 9 | 0.29 | 1 | 0.03 | 3 | 0.10 | 5 | 0.16 |
| SAINT PAUL'S C. VA | 1 | 0.09 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAVANNAH STATE C. GA | 14 | 0.40 | 0 | 0.00 | 6 | 0.17 | 7 | 0.20 |
| SHAW U. NC | 14 | 0.45 | 1 | 0.03 | 6 | 0.19 | 5 | 0.16 |
| SOUTH CAROLINA STATE C. | 30 | 0.54 | 3 | 0.05 | 15 | 0.27 | 11 | 0.20 |
| SOUTHERN U. & A & M LA | 56 | 0.38 | 2 | 0.01 | 22 | 0.15 | 31 | 0.21 |
| SOUTHERN U. AT NEW ORLEANS LA | 7 | 0.22 | 2 | 0.06 | 1 | 0.03 | 4 | 0.13 |
| SPELMAN C. GA | 47 | 1.66 | 9 | 0.32 | 15 | 0.53 | 19 | 0.67 |
| STILLMAN C. AL | 7 | 0.42 | 0 | 0.00 | 3 | 0.18 | 3 | 0.18 |
| TALLADEGA C. AL | 8 | 0.61 | 2 | 0.15 | 2 | 0.15 | 4 | 0.31 |
| TENNESSEE STATE U. | 61 | 0.72 | 5 | 0.06 | 29 | 0.34 | 22 | 0.26 |
| TEXAS C. | 3 | 0.29 | 0 | 0.00 | 0 | 0.00 | 3 | 0.29 |
| TEXAS SOUTHERN U. | 27 | 0.34 | 1 | 0.01 | 9 | 0.11 | 13 | 0.16 |
| TOUGALOO C. MS | 24 | 1.33 | 1 | 0.06 | 8 | 0.44 | 15 | 0.83 |
| TUSKEGEE INSTITUTE AL | 88 | 1.31 | 2 | 0.03 | 29 | 0.43 | 55 | 0.82 |
| VIRGINIA STATE U. | 42 | 0.63 | 2 | 0.03 | 22 | 0.33 | 17 | 0.25 |
| VIRGINIA UNION U. | 10 | 0.42 | 1 | 0.04 | 5 | 0.21 | 2 | 0.08 |
| VOORHEES C. SC | 5 | 0.27 | 0 | 0.00 | 0 | 0.00 | 4 | 0.21 |
| WEST VIRGINIA STATE C. | 17 | 0.33 | 1 | 0.02 | 6 | 0.12 | 10 | 0.19 |
| WILBERFORCE U. OH | 9 | 0.45 | 1 | 0.05 | 4 | 0.20 | 3 | 0.15 |
| WILEY C. TX | 6 | 0.51 | 0 | 0.00 | 3 | 0.25 | 3 | 0.25 |
| WINSTON-SALEM STATE U. NC | 10 | 0.26 | 1 | 0.03 | 4 | 0.10 | 4 | 0.10 |
| XAVIER U. OF LOUISIANA | 19 | 0.56 | 7 | 0.21 | 2 | 0.06 | 10 | 0.29 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| ALABAMA A & M U. | 0 | 0.00 | 3 | 0.05 | 10 | 0.15 | 2 | 0.03 |
| ALABAMA STATE U. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3 | 0.04 |
| ALBANY STATE C. GA | 0 | 0.00 | 1 | 0.03 | 1 | 0.03 | 1 | 0.03 |
| ALCORN STATE U. MS | 1 | 0.02 | 2 | 0.04 | 6 | 0.11 | 1 | 0.02 |
| ALLEN U. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF ARKANSAS AT PINE BLUFF | 0 | 0.00 | 0 | 0.00 | 2 | 0.04 | 1 | 0.02 |
| ARKANSAS BAPTIST C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BARBER-SCOTIA C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.11 | 0 | 0.00 |
| BENEDICT C. SC | 0 | 0.00 | 3 | 0.08 | 3 | 0.08 | 2 | 0.06 |
| BENNETT C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 | 1 | 0.07 |
| BETHUNE-COOKMAN C. FL | 0 | 0.00 | 3 | 0.09 | 4 | 0.12 | 1 | 0.03 |
| BISHOP C. TX | 0 | 0.00 | 1 | 0.04 | 3 | 0.12 | 4 | 0.16 |
| BLUEFIELD STATE C. WV | 0 | 0.00 | 2 | 0.11 | 2 | 0.11 | 0 | 0.00 |
| BOWIE STATE C. MD | 0 | 0.00 | 0 | 0.00 | 5 | 0.17 | 5 | 0.17 |
| CENTRAL STATE U. OH | 0 | 0.00 | 1 | 0.02 | 5 | 0.10 | 8 | 0.17 |
| CHEYNEY U. OF PENNSYLVANIA | 0 | 0.00 | 0 | 0.00 | 4 | 0.09 | 4 | 0.09 |
| CLAFLIN C. SC | 0 | 0.00 | 1 | 0.05 | 1 | 0.05 | 1 | 0.05 |
| CLARK C. GA | 0 | 0.00 | 2 | 0.07 | 4 | 0.14 | 7 | 0.24 |
| COPPIN STATE C. MD | 0 | 0.00 | 2 | 0.07 | 2 | 0.07 | 1 | 0.03 |
| DELAWARE STATE C. | 0 | 0.00 | 1 | 0.03 | 3 | 0.09 | 5 | 0.15 |
| DILLARD U. LA | 0 | 0.00 | 2 | 0.08 | 4 | 0.17 | 5 | 0.21 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| U. OF DISTRICT OF COLUMBIA | 1 | 0.01 | 2 | 0.03 | 4 | 0.05 | 8 | 0.11 |
| EDWARD WATERS C. FL | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| ELIZABETH CITY STATE U. NC | 0 | 0.00 | 1 | 0.03 | 0 | 0.00 | 1 | 0.03 |
| FAYETTEVILLE STATE U. NC | 0 | 0.00 | 0 | 0.00 | 2 | 0.05 | 6 | 0.14 |
| FISK U. TN | 0 | 0.00 | 2 | 0.07 | 5 | 0.18 | 23 | 0.83 |
| FLORIDA AGRICULTURAL & MECHANICAL U. | 1 | 0.01 | 2 | 0.02 | 9 | 0.11 | 7 | 0.08 |
| FLORIDA MEMORIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FORT VALLEY STATE C. GA | 0 | 0.00 | 0 | 0.00 | 11 | 0.31 | 4 | 0.11 |
| GRAMBLING STATE U. LA | 0 | 0.00 | 2 | 0.03 | 2 | 0.03 | 2 | 0.03 |
| HAMPTON U. VA | 2 | 0.03 | 1 | 0.02 | 10 | 0.15 | 16 | 0.25 |
| HARRIS-STOWE STATE C. MO | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |
| HOWARD U. DC | 25 | 0.18 | 19 | 0.14 | 55 | 0.41 | 78 | 0.58 |
| HUSTON-TILLOTSON C. TX | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 | 0 | 0.00 |
| JACKSON STATE U. MS | 1 | 0.01 | 4 | 0.04 | 4 | 0.04 | 11 | 0.12 |
| JARVIS CHRISTIAN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 |
| JOHNSON C. SMITH U. NC | 0 | 0.00 | 2 | 0.08 | 2 | 0.08 | 3 | 0.11 |
| KENTUCKY STATE U. | 0 | 0.00 | 2 | 0.10 | 1 | 0.05 | 0 | 0.00 |
| KNOXVILLE C. TN | 0 | 0.00 | 1 | 0.06 | 6 | 0.37 | 2 | 0.12 |
| LANE C. TN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| LANGSTON U. OK | 0 | 0.00 | 0 | 0.00 | 2 | 0.09 | 0 | 0.00 |
| LEMOYNE-OWEN C. TN | 0 | 0.00 | 0 | 0.00 | 2 | 0.12 | 0 | 0.00 |
| LINCOLN U. MO | 1 | 0.03 | 0 | 0.00 | 2 | 0.06 | 8 | 0.22 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| LINCOLN U. PA | 0 | 0.00 | 5 | 0.21 | 2 | 0.08 | 15 | 0.64 |
| LIVINGSTONE C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 0 | 0.00 |
| U. OF MARYLAND EASTERN SHORE | 0 | 0.00 | 0 | 0.00 | 5 | 0.30 | 3 | 0.18 |
| MILES C. AL | 0 | 0.00 | 0 | 0.00 | 3 | 0.14 | 0 | 0.00 |
| MISSISSIPPI INDUSTRIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MISSISSIPPI VALLEY STATE U. | 0 | 0.00 | 0 | 0.00 | 1 | 0.02 | 2 | 0.04 |
| MOREHOUSE C. GA | 2 | 0.08 | 8 | 0.33 | 1 | 0.04 | 15 | 0.62 |
| MORGAN STATE U. MD | 3 | 0.04 | 7 | 0.09 | 8 | 0.10 | 15 | 0.18 |
| MORRIS BROWN C. GA | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 | 4 | 0.16 |
| MORRIS C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NORFOLK STATE U. VA | 0 | 0.00 | 0 | 0.00 | 1 | 0.01 | 6 | 0.08 |
| NORTH CAROLINA A & T STATE U. | 6 | 0.07 | 7 | 0.08 | 10 | 0.12 | 16 | 0.18 |
| NORTH CAROLINA CENTRAL U. | 2 | 0.03 | 0 | 0.00 | 8 | 0.10 | 13 | 0.17 |
| OAKWOOD C. AL | 0 | 0.00 | 0 | 0.00 | 2 | 0.12 | 8 | 0.48 |
| PAINE C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 4 | 0.32 |
| PAUL QUINN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| PHILANDER SMITH C. AR | 0 | 0.00 | 1 | 0.07 | 1 | 0.07 | 1 | 0.07 |
| PRAIRIE VIEW A. & M. TX | 1 | 0.01 | 0 | 0.00 | 1 | 0.01 | 1 | 0.01 |
| RUST C. MS | 0 | 0.00 | 2 | 0.13 | 1 | 0.06 | 0 | 0.00 |
| SAINT AUGUSTINE'S C. NC | 0 | 0.00 | 1 | 0.03 | 1 | 0.03 | 3 | 0.10 |
| SAINT PAUL'S C. VA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SAVANNAH STATE C. GA | 0 | 0.00 | 1 | 0.03 | 3 | 0.08 | 3 | 0.08 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN AND WOMEN

| INSTITUTION | ENGINEERING | | MATH & PHYSICAL SCIENCE | | LIFE SCIENCE | | SOCIAL SCIENCE | |
|---|---|---|---|---|---|---|---|---|
| | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO | TOTAL | RATIO |
| SHAW U. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 5 | 0.16 |
| SOUTH CAROLINA STATE C. | 0 | 0.00 | 2 | 0.04 | 6 | 0.11 | 3 | 0.05 |
| SOUTHERN U. & A & M LA | 0 | 0.00 | 7 | 0.05 | 11 | 0.07 | 13 | 0.09 |
| SOUTHERN U. AT NEW ORLEANS LA | 0 | 0.00 | 2 | 0.06 | 1 | 0.03 | 1 | 0.03 |
| SPELMAN C. GA | 1 | 0.04 | 1 | 0.04 | 4 | 0.14 | 13 | 0.46 |
| STILLMAN C. AL | 1 | 0.06 | 1 | 0.06 | 1 | 0.06 | 0 | 0.00 |
| TALLADEGA C. AL | 0 | 0.00 | 0 | 0.00 | 2 | 0.15 | 2 | 0.15 |
| TENNESSEE STATE U. | 2 | 0.02 | 1 | 0.01 | 12 | 0.14 | 7 | 0.08 |
| TEXAS C. | 1 | 0.10 | 1 | 0.10 | 1 | 0.10 | 0 | 0.00 |
| TEXAS SOUTHERN U. | 0 | 0.00 | 5 | 0.06 | 5 | 0.06 | 3 | 0.04 |
| TOUGALOO C. MS | 1 | 0.06 | 3 | 0.17 | 1 | 0.06 | 10 | 0.55 |
| TUSKEGEE INSTITUTE AL | 2 | 0.03 | 2 | 0.03 | 46 | 0.69 | 5 | 0.07 |
| VIRGINIA STATE U. | 2 | 0.03 | 4 | 0.06 | 3 | 0.04 | 8 | 0.12 |
| VIRGINIA UNION U. | 0 | 0.00 | 1 | 0.04 | 1 | 0.04 | 0 | 0.00 |
| VOORHEES C. SC | 0 | 0.00 | 0 | 0.00 | 4 | 0.21 | 0 | 0.00 |
| WEST VIRGINIA STATE C. | 1 | 0.02 | 1 | 0.02 | 4 | 0.08 | 4 | 0.08 |
| WILBERFORCE U. OH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3 | 0.15 |
| WILEY C. TX | 0 | 0.00 | 0 | 0.00 | 3 | 0.25 | 0 | 0.00 |
| WINSTON-SALEM STATE U. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.03 | 3 | 0.08 |
| XAVIER U. OF LOUISIANA | 1 | 0.03 | 1 | 0.03 | 6 | 0.18 | 2 | 0.06 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALABAMA A & M U. | 24 | 0.77 | 0 | 0.00 | 10 | 0.32 | 13 | 0.41 |
| ALABAMA STATE U. | 6 | 0.24 | 1 | 0.04 | 4 | 0.16 | 0 | 0.00 |
| ALBANY STATE C. GA | 6 | 0.53 | 1 | 0.09 | 3 | 0.27 | 2 | 0.18 |
| ALCORN STATE U. MS | 16 | 0.77 | 0 | 0.00 | 6 | 0.29 | 10 | 0.48 |
| ALLEN U. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF ARKANSAS AT PINE BLUFF | 10 | 0.42 | 1 | 0.04 | 6 | 0.25 | 2 | 0.08 |
| ARKANSAS BAPTIST C. | 1 | 0.29 | 0 | 0.00 | 1 | 0.29 | 0 | 0.00 |
| BARBER-SCOTIA C. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BENEDICT C. SC | 12 | 0.95 | 0 | 0.00 | 6 | 0.47 | 6 | 0.47 |
| BENNETT C. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BETHUNE-COOKMAN C. FL | 11 | 0.82 | 0 | 0.00 | 2 | 0.15 | 7 | 0.52 |
| BISHOP C. TX | 13 | 1.02 | 0 | 0.00 | 5 | 0.39 | 8 | 0.63 |
| BLUEFIELD STATE C. WV | 7 | 0.66 | 0 | 0.00 | 2 | 0.19 | 4 | 0.38 |
| BOWIE STATE C. MD | 16 | 1.30 | 1 | 0.08 | 6 | 0.49 | 8 | 0.65 |
| CENTRAL STATE U. OH | 19 | 0.78 | 1 | 0.04 | 3 | 0.12 | 11 | 0.45 |
| CHEYNEY U. OF PENNSYLVANIA | 12 | 0.58 | 0 | 0.00 | 8 | 0.39 | 3 | 0.15 |
| CLAFLIN C. SC | 2 | 0.31 | 0 | 0.00 | 0 | 0.00 | 2 | 0.31 |
| CLARK C. GA | 12 | 1.34 | 0 | 0.00 | 2 | 0.22 | 9 | 1.00 |
| COPPIN STATE C. MD | 5 | 0.73 | 0 | 0.00 | 2 | 0.29 | 3 | 0.44 |
| DELAWARE STATE C. | 11 | 0.63 | 0 | 0.00 | 4 | 0.23 | 6 | 0.34 |
| DILLARD U. LA | 8 | 1.10 | 1 | 0.14 | 2 | 0.28 | 4 | 0.55 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| U. OF DISTRICT OF COLUMBIA | 21 | 0.65 | 2 | 0.06 | 7 | 0.22 | 9 | 0.28 |
| EDWARD WATERS C. FL | 2 | 0.42 | 0 | 0.00 | 1 | 0.21 | 1 | 0.21 |
| ELIZABETH CITY STATE U. | 3 | 0.23 | 0 | 0.00 | 2 | 0.15 | 1 | 0.08 NC |
| FAYETTEVILLE STATE U. NC | 11 | 0.59 | 0 | 0.00 | 7 | 0.37 | 4 | 0.21 |
| FISK U. TN | 13 | 1.38 | 2 | 0.21 | 1 | 0.11 | 10 | 1.06 |
| FLORIDA AGRICULTURAL & MECHANICAL U. | 33 | 0.83 | 0 | 0.00 | 15 | 0.38 | 15 | 0.38 |
| FLORIDA MEMORIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FORT VALLEY STATE C. GA | 19 | 1.29 | 2 | 0.14 | 7 | 0.47 | 10 | 0.68 |
| GRAMBLING STATE U. LA | 8 | 0.25 | 1 | 0.03 | 4 | 0.12 | 3 | 0.09 |
| HAMPTON U. VA | 21 | 0.81 | 3 | 0.12 | 6 | 0.23 | 9 | 0.35 |
| HARRIS-STOWE STATE C. MO | 6 | 1.36 | 0 | 0.00 | 5 | 1.13 | 1 | 0.23 |
| HOWARD U. DC | 154 | 2.35 | 7 | 0.11 | 15 | 0.23 | 126 | 1.92 |
| HUSTON-TILLOTSON C. TX | 2 | 0.30 | 0 | 0.00 | 1 | 0.15 | 1 | 0.15 |
| JACKSON STATE U. MS | 23 | 0.65 | 0 | 0.00 | 10 | 0.28 | 12 | 0.34 |
| JARVIS CHRISTIAN C. TX | 1 | 0.21 | 0 | 0.00 | 0 | 0.00 | 1 | 0.21 |
| JOHNSON C. SMITH U. NC | 10 | 0.87 | 0 | 0.00 | 5 | 0.44 | 4 | 0.35 |
| KENTUCKY STATE U. | 5 | 0.48 | 0 | 0.00 | 3 | 0.29 | 2 | 0.19 |
| KNOXVILLE C. TN | 8 | 1.21 | 1 | 0.15 | 1 | 0.15 | 5 | 0.76 |
| LANE C. TN | 2 | 0.24 | 1 | 0.12 | 1 | 0.12 | 0 | 0.00 |
| LANGSTON U. OK | 10 | 0.89 | 2 | 0.18 | 6 | 0.53 | 1 | 0.09 |
| LEMOYNE-OWEN C. TN | 2 | 0.39 | 0 | 0.00 | 2 | 0.39 | 0 | 0.00 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| LINCOLN U. MO | 21 | 1.07 | 2 | 0.10 | 9 | 0.46 | 10 | 0.51 |
| LINCOLN U. PA | 24 | 1.85 | 4 | 0.31 | 7 | 0.54 | 13 | 1.00 |
| LIVINGSTONE C. NC | 5 | 0.57 | 1 | 0.11 | 4 | 0.45 | 0 | 0.00 |
| U. OF MARYLAND EASTERN SHORE | 10 | 1.07 | 0 | 0.00 | 3 | 0.32 | 7 | 0.75 |
| MILES C. AL | 3 | 0.36 | 0 | 0.00 | 2 | 0.24 | 1 | 0.12 |
| MISSISSIPPI INDUSTRIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MISSISSIPPI VALLEY STATE | 5 | 0.25 | 0 | 0.00 | 2 | 0.10 | 3 | 0.15 U. |
| MOREHOUSE C. GA | 47 | 1.94 | 8 | 0.33 | 8 | 0.33 | 26 | 1.07 |
| MORGAN STATE U. MD | 34 | 1.01 | 4 | 0.12 | 8 | 0.24 | 22 | 0.65 |
| MORRIS BROWN C. GA | 6 | 0.72 | 2 | 0.24 | 2 | 0.24 | 2 | 0.24 |
| MORRIS C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NORFOLK STATE U. VA | 11 | 0.35 | 0 | 0.00 | 6 | 0.19 | 4 | 0.13 |
| NORTH CAROLINA A & T STATE U. NC | 40 | 0.89 | 0 | 0.00 | 14 | 0.31 | 25 | 0.55 |
| NORTH CAROLINA CENTRAL U. | 30 | 1.06 | 6 | 0.21 | 6 | 0.21 | 16 | 0.57 |
| OAKWOOD C. AL | 17 | 2.01 | 3 | 0.35 | 3 | 0.35 | 8 | 0.94 |
| PAINE C. GA | 6 | 1.35 | 0 | 0.00 | 2 | 0.45 | 4 | 0.90 |
| PAUL QUINN C. TX | 3 | 0.62 | 0 | 0.00 | 3 | 0.62 | 0 | 0.00 |
| PHILANDER SMITH C. AR | 2 | 0.38 | 0 | 0.00 | 0 | 0.00 | 2 | 0.38 |
| PRAIRIE VIEW A. & M. TX | 7 | 0.21 | 0 | 0.00 | 4 | 0.12 | 2 | 0.06 |
| RUST C. MS | 3 | 0.52 | 0 | 0.00 | 0 | 0.00 | 2 | 0.35 |
| SAINT AUGUSTINE'S C. NC | 4 | 0.33 | 0 | 0.00 | 2 | 0.16 | 2 | 0.16 |



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HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR MEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAINT PAUL'S C. VA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SAVANNAH STATE C. GA | 9 | 0.62 | 0 | 0.00 | 2 | 0.14 | 6 | 0.41 |
| SHAW U. NC | 11 | 0.68 | 1 | 0.06 | 4 | 0.25 | 5 | 0.31 |
| SOUTH CAROLINA STATE C. | 17 | 0.75 | 2 | 0.09 | 8 | 0.35 | 6 | 0.26 |
| SOUTHERN U. & A & M LA | 30 | 0.50 | 1 | 0.02 | 6 | 0.10 | 23 | 0.38 |
| SOUTHERN U. AT NEW ORLEANS LA | 4 | 0.33 | 1 | 0.08 | 1 | 0.08 | 2 | 0.17 |
| SPELMAN C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| STILLMAN C. AL | 3 | 0.49 | 0 | 0.00 | 1 | 0.16 | 1 | 0.16 |
| TALLADEGA C. AL | 3 | 0.68 | 1 | 0.23 | 0 | 0.00 | 2 | 0.45 |
| TENNESSEE STATE U. | 37 | 0.92 | 4 | 0.10 | 16 | 0.40 | 13 | 0.32 |
| TEXAS C. | 3 | 0.71 | 0 | 0.00 | 0 | 0.00 | 3 | 0.71 |
| TEXAS SOUTHERN U. | 19 | 0.49 | 1 | 0.03 | 7 | 0.18 | 9 | 0.23 |
| TOUGALOO C. MS | 13 | 2.02 | 1 | 0.16 | 2 | 0.31 | 10 | 1.56 |
| TUSKEGEE INSTITUTE AL | 60 | 1.94 | 0 | 0.00 | 15 | 0.48 | 45 | 1.45 |
| VIRGINIA STATE U. | 15 | 0.56 | 1 | 0.04 | 7 | 0.26 | 7 | 0.26 |
| VIRGINIA UNION U. | 7 | 0.75 | 0 | 0.00 | 3 | 0.32 | 2 | 0.21 |
| VOORHEES C. SC | 4 | 0.60 | 0 | 0.00 | 0 | 0.00 | 3 | 0.45 |
| WEST VIRGINIA STATE C. | 12 | 0.42 | 1 | 0.03 | 2 | 0.07 | 9 | 0.31 |
| WILBERFORCE U. OH | 5 | 0.55 | 1 | 0.11 | 3 | 0.33 | 0 | 0.00 |
| WILEY C. TX | 5 | 0.94 | 0 | 0.00 | 2 | 0.38 | 3 | 0.56 |
| WINSTON-SALEM STATE U. NC | 4 | 0.31 | 1 | 0.08 | 2 | 0.15 | 1 | 0.08 |
| XAVIER U. OF LOUISIANA | 13 | 0.99 | 7 | 0.53 | 1 | 0.08 | 5 | 0.38 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALABAMA A & M U. | 0 | 0.00 | 3 | 0.10 | 8 | 0.26 | 2 | 0.06 |
| ALABAMA STATE U. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| ALBANY STATE C. GA | 0 | 0.00 | 1 | 0.09 | 1 | 0.09 | 0 | 0.00 |
| ALCORN STATE U. MS | 1 | 0.05 | 2 | 0.10 | 6 | 0.29 | 1 | 0.05 |
| ALLEN U. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF ARKANSAS AT PINE BLUFF | 0 | 0.00 | 0 | 0.00 | 2 | 0.08 | 0 | 0.00 |
| ARKANSAS BAPTIST C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BARBER-SCOTIA C. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BENEDICT C. SC | 0 | 0.00 | 2 | 0.16 | 2 | 0.16 | 2 | 0.16 |
| BENNETT C. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BETHUNE-COOKMAN C. FL | 0 | 0.00 | 3 | 0.22 | 3 | 0.22 | 1 | 0.07 |
| BISHOP C. TX | 0 | 0.00 | 1 | 0.08 | 3 | 0.24 | 4 | 0.31 |
| BLUEFIELD STATE C. WV | 0 | 0.00 | 2 | 0.19 | 2 | 0.19 | 0 | 0.00 |
| BOWIE STATE C. MD | 0 | 0.00 | 0 | 0.00 | 4 | 0.32 | 4 | 0.32 |
| CENTRAL STATE U. OH | 0 | 0.00 | 1 | 0.04 | 4 | 0.16 | 6 | 0.25 |
| CHEYNEY U. OF PENNSYLVANIA | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 2 | 0.10 |
| CLAFLIN C. SC | 0 | 0.00 | 1 | 0.16 | 0 | 0.00 | 1 | 0.16 |
| CLARK C. GA | 0 | 0.00 | 2 | 0.22 | 1 | 0.11 | 6 | 0.67 |
| COPPIN STATE C. MD | 0 | 0.00 | 2 | 0.29 | 0 | 0.00 | 1 | 0.15 |
| DELAWARE STATE C. | 0 | 0.00 | 1 | 0.06 | 2 | 0.11 | 3 | 0.17 |
| DILLARD U. LA | 0 | 0.00 | 2 | 0.28 | 0 | 0.00 | 2 | 0.28 |
| U. OF DISTRICT OF COLUMBIA | 1 | 0.03 | 1 | 0.03 | 1 | 0.03 | 6 | 0.18 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| EDWARD WATERS C. FL | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.21 |
| ELIZABETH CITY STATE U. NC | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 | 0 | 0.00 |
| FAYETTEVILLE STATE U. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 3 | 0.16 |
| FISK U. TN | 0 | 0.00 | 2 | 0.21 | 2 | 0.21 | 6 | 0.64 |
| FLORIDA AGRICULTURAL & MECHANICAL U. | 1 | 0.03 | 1 | 0.03 | 8 | 0.20 | 5 | 0.13 |
| FLORIDA MEMORIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FORT VALLEY STATE C. GA | 0 | 0.00 | 0 | 0.00 | 9 | 0.61 | 1 | 0.07 |
| GRAMBLING STATE U. LA | 0 | 0.00 | 2 | 0.06 | 0 | 0.00 | 1 | 0.03 |
| HAMPTON U. VA | 1 | 0.04 | 1 | 0.04 | 4 | 0.15 | 3 | 0.12 |
| HARRIS-STOWE STATE C. MO | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.23 |
| HOWARD U. DC | 24 | 0.37 | 14 | 0.21 | 37 | 0.56 | 51 | 0.78 |
| HUSTON-TILLOTSON C. TX | 0 | 0.00 | 0 | 0.00 | 1 | 0.15 | 0 | 0.00 |
| JACKSON STATE U. MS | 1 | 0.03 | 3 | 0.08 | 2 | 0.06 | 6 | 0.17 |
| JARVIS CHRISTIAN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.21 |
| JOHNSON C. SMITH U. NC | 0 | 0.00 | 2 | 0.17 | 0 | 0.00 | 2 | 0.17 |
| KENTUCKY STATE U. | 0 | 0.00 | 2 | 0.19 | 0 | 0.00 | 0 | 0.00 |
| KNOXVILLE C. TN | 0 | 0.00 | 1 | 0.15 | 3 | 0.46 | 1 | 0.15 |
| LANE C. TN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| LANGSTON U. OK | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 |
| LEMOYNE-OWEN C. TN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| LINCOLN U. MO | 1 | 0.05 | 0 | 0.00 | 2 | 0.10 | 7 | 0.36 |
| LINCOLN U. PA | 0 | 0.00 | 5 | 0.39 | 1 | 0.08 | 7 | 0.54 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| LIVINGSTONE C. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF MARYLAND EASTERN SHORE | 0 | 0.00 | 0 | 0.00 | 5 | 0.54 | 2 | 0.21 |
| MILES C. AL | 0 | 0.00 | 0 | 0.00 | 1 | 0.12 | 0 | 0.00 |
| MISSISSIPPI INDUSTRIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MISSISSIPPI VALLEY STATE U. | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 2 | 0.10 |
| MOREHOUSE C. GA | 2 | 0.00 | 8 | 0.33 | 1 | 0.04 | 15 | 0.62 |
| MORGAN STATE U. MD | 3 | 0.09 | 6 | 0.18 | 6 | 0.18 | 7 | 0.21 |
| MORRIS BROWN C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 2 | 0.24 |
| MORRIS C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NORFOLK STATE U. VA | 0 | 0.00 | 0 | 0.00 | 1 | 0.03 | 3 | 0.10 |
| NORTH CAROLINA A & T STATE U. NC | 6 | 0.13 | 6 | 0.13 | 6 | 0.13 | 7 | 0.16 |
| NORTH CAROLINA CENTRAL U. | 2 | 0.07 | 0 | 0.00 | 5 | 0.18 | 9 | 0.32 |
| OAKWOOD C. AL | 0 | 0.00 | 0 | 0.00 | 1 | 0.12 | 7 | 0.83 |
| PAINE C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 4 | 0.90 |
| PAUL QUINN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| PHILANDER SMITH C. AR | 0 | 0.00 | 1 | 0.19 | 0 | 0.00 | 1 | 0.19 |
| PRAIRIE VIEW A. & M. TX | 1 | 0.03 | 0 | 0.00 | 1 | 0.03 | 0 | 0.00 |
| RUST C. MS | 0 | 0.00 | 2 | 0.35 | 0 | 0.00 | 0 | 0.00 |
| SAINT AUGUSTINE'S C. NC | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 | 1 | 0.08 |
| SAINT PAUL'S C. VA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |



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HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO MEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAVANNAH STATE C. GA | 0 | 0.00 | 1 | 0.07 | 2 | 0.14 | 3 | 0.21 |
| SHAW U. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 5 | 0.31 |
| SOUTH CAROLINA STATE C. | 0 | 0.00 | 2 | 0.09 | 2 | 0.09 | 2 | 0.09 |
| SOUTHERN U. & A & M LA | 0 | 0.00 | 6 | 0.10 | 9 | 0.15 | 8 | 0.13 |
| SOUTHERN U. AT NEW ORLEANS LA | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 | 1 | 0.08 |
| SPELMAN C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| STILLMAN C. AL | 0 | 0.00 | 1 | 0.16 | 0 | 0.00 | 0 | 0.00 |
| TALLADEGA C. AL | 0 | 0.00 | 0 | 0.00 | 2 | 0.45 | 0 | 0.00 |
| TENNESSEE STATE U. | 2 | 0.05 | 1 | 0.02 | 8 | 0.20 | 2 | 0.05 |
| TEXAS C. | 1 | 0.24 | 1 | 0.24 | 1 | 0.24 | 0 | 0.00 |
| TEXAS SOUTHERN U. | 0 | 0.00 | 3 | 0.08 | 3 | 0.08 | 3 | 0.08 |
| TOUGALOO C. MS | 1 | 0.16 | 2 | 0.31 | 1 | 0.16 | 6 | 0.93 |
| TUSKEGEE INSTITUTE AL | 2 | 0.06 | 1 | 0.03 | 39 | 1.26 | 3 | 0.10 |
| VIRGINIA STATE U. | 1 | 0.04 | 4 | 0.15 | 1 | 0.04 | 1 | 0.04 |
| VIRGINIA UNION U. | 0 | 0.00 | 1 | 0.11 | 1 | 0.11 | 0 | 0.00 |
| VOORHEES C. SC | 0 | 0.00 | 0 | 0.00 | 3 | 0.45 | 0 | 0.00 |
| WEST VIRGINIA STATE C. | 0 | 0.00 | 1 | 0.03 | 4 | 0.14 | 4 | 0.14 |
| WILBERFORCE U. OH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WILEY C. TX | 0 | 0.00 | 0 | 0.00 | 3 | 0.56 | 0 | 0.00 |
| WINSTON-SALEM STATE U. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 |
| XAVIER U. OF LOUISIANA | 0 | 0.00 | 1 | 0.08 | 3 | 0.23 | 1 | 0.08 |



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HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALABAMA A & M U. | 11 | 0.33 | 1 | 0.03 | 6 | 0.18 | 2 | 0.06 |
| ALABAMA STATE U. | 9 | 0.21 | 0 | 0.00 | 5 | 0.12 | 3 | 0.07 |
| ALBANY STATE C. GA | 13 | 0.59 | 0 | 0.00 | 12 | 0.55 | 1 | 0.05 |
| ALCORN STATE U. MS | 9 | 0.28 | 1 | 0.03 | 8 | 0.25 | 0 | 0.00 |
| ALLEN U. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF ARKANSAS AT PINE BLUFF | 5 | 0.16 | 0 | 0.00 | 3 | 0.09 | 1 | 0.03 |
| ARKANSAS BAPTIST C. | 1 | 0.42 | 0 | 0.00 | 1 | 0.42 | 0 | 0.00 |
| BARBER-SCOTIA C. NC | 2 | 0.31 | 0 | 0.00 | 0 | 0.00 | 1 | 0.16 |
| BENEDICT C. SC | 4 | 0.18 | 0 | 0.00 | 2 | 0.09 | 2 | 0.09 |
| BENNETT C. NC | 11 | 0.78 | 3 | 0.21 | 5 | 0.35 | 2 | 0.14 |
| BETHUNE-COOKMAN C. FL | 6 | 0.29 | 1 | 0.05 | 4 | 0.19 | 1 | 0.05 |
| BISHOP C. TX | 3 | 0.24 | 0 | 0.00 | 3 | 0.24 | 0 | 0.00 |
| BLUEFIELD STATE C. WV | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BOWIE STATE C. MD | 8 | 0.48 | 0 | 0.00 | 5 | 0.30 | 2 | 0.12 |
| CENTRAL STATE U. OH | 7 | 0.29 | 1 | 0.04 | 2 | 0.08 | 3 | 0.13 |
| CHEYNEY U. OF PENNSYLVANIA | 10 | 0.42 | 0 | 0.00 | 4 | 0.17 | 5 | 0.21 |
| CLAFLIN C. SC | 1 | 0.08 | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 |
| CLARK C. GA | 6 | 0.30 | 1 | 0.05 | 0 | 0.00 | 4 | 0.20 |
| COPPIN STATE C. MD | 6 | 0.26 | 0 | 0.00 | 4 | 0.18 | 2 | 0.09 |
| DELAWARE STATE C. | 5 | 0.30 | 0 | 0.00 | 2 | 0.12 | 3 | 0.18 |
| DILLARD U. LA | 13 | 0.77 | 0 | 0.00 | 6 | 0.36 | 7 | 0.41 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| U. OF DISTRICT OF COLUMBIA | 28 | 0.65 | 0 | 0.00 | 21 | 0.49 | 6 | 0.14 |
| EDWARD WATERS C. FL | 1 | 0.11 | 0 | 0.00 | 1 | 0.11 | 0 | 0.00 |
| ELIZABETH CITY STATE U. | 3 | 0.15 | 0 | 0.00 | 2 | 0.10 | 1 | 0.05 NC |
| FAYETTEVILLE STATE U. NC | 9 | 0.36 | 0 | 0.00 | 5 | 0.20 | 4 | 0.16 |
| FISK U. TN | 36 | 1.95 | 3 | 0.16 | 10 | 0.54 | 20 | 1.08 |
| FLORIDA AGRICULTURAL & MECHANICAL U. | 12 | 0.27 | 0 | 0.00 | 6 | 0.13 | 4 | 0.09 |
| FLORIDA MEMORIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FORT VALLEY STATE C. GA | 7 | 0.34 | 0 | 0.00 | 1 | 0.05 | 5 | 0.24 |
| GRAMBLING STATE U. LA | 8 | 0.18 | 0 | 0.00 | 5 | 0.11 | 3 | 0.07 |
| HAMPTON U. VA | 39 | 1.01 | 0 | 0.00 | 17 | 0.44 | 20 | 0.52 |
| HARRIS-STOWE STATE C. MO | 7 | 0.40 | 0 | 0.00 | 7 | 0.40 | 0 | 0.00 |
| HOWARD U. DC | 94 | 1.35 | 12 | 0.17 | 26 | 0.37 | 51 | 0.73 |
| HUSTON-TILLOTSON C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JACKSON STATE U. MS | 34 | 0.62 | 6 | 0.11 | 16 | 0.29 | 8 | 0.15 |
| JARVIS CHRISTIAN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JOHNSON C. SMITH U. NC | 6 | 0.40 | 0 | 0.00 | 3 | 0.20 | 3 | 0.20 |
| KENTUCKY STATE U. | 7 | 0.67 | 0 | 0.00 | 5 | 0.48 | 1 | 0.10 |
| KNOXVILLE C. TN | 7 | 0.73 | 1 | 0.10 | 2 | 0.21 | 4 | 0.42 |
| LANE C. TN | 2 | 0.16 | 0 | 0.00 | 2 | 0.16 | 0 | 0.00 |
| LANGSTON U. OK | 1 | 0.09 | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 |
| LEMOYNE-OWEN C. TN | 4 | 0.37 | 0 | 0.00 | 2 | 0.18 | 2 | 0.18 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| LINCOLN U. MO | 2 | 0.12 | 0 | 0.00 | 1 | 0.06 | 1 | 0.06 |
| LINCOLN U. PA | 17 | 1.61 | 0 | 0.00 | 7 | 0.66 | 9 | 0.85 |
| LIVINGSTONE C. NC | 3 | 0.29 | 0 | 0.00 | 2 | 0.19 | 1 | 0.10 |
| U. OF MARYLAND EASTERN SHORE | 2 | 0.28 | 0 | 0.00 | 1 | 0.14 | 1 | 0.14 |
| MILES C. AL | 2 | 0.15 | 0 | 0.00 | 0 | 0.00 | 2 | 0.15 |
| MISSISSIPPI INDUSTRIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MISSISSIPPI VALLEY STATE | 4 | 0.14 | 0 | 0.00 | 4 | 0.14 | 0 | 0.00 U. |
| MOREHOUSE C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MORGAN STATE U. MD | 29 | 0.60 | 1 | 0.02 | 12 | 0.25 | 11 | 0.23 |
| MORRIS BROWN C. GA | 5 | 0.30 | 0 | 0.00 | 2 | 0.12 | 3 | 0.18 |
| MORRIS C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NORFOLK STATE U. VA | 12 | 0.26 | 2 | 0.04 | 5 | 0.11 | 3 | 0.07 |
| NORTH CAROLINA A & T STATE U. NC | 25 | 0.60 | 2 | 0.05 | 7 | 0.17 | 14 | 0.34 |
| NORTH CAROLINA CENTRAL U. | 22 | 0.45 | 3 | 0.06 | 10 | 0.20 | 7 | 0.14 |
| OAKWOOD C. AL | 3 | 0.37 | 0 | 0.00 | 1 | 0.12 | 2 | 0.25 |
| PAINE C. GA | 2 | 0.24 | 1 | 0.12 | 1 | 0.12 | 0 | 0.00 |
| PAUL QUINN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| PHILANDER SMITH C. AR | 1 | 0.12 | 0 | 0.00 | 0 | 0.00 | 1 | 0.12 |
| PRAIRIE VIEW A. & M. TX | 5 | 0.14 | 0 | 0.00 | 2 | 0.06 | 1 | 0.03 |
| RUST C. MS | 2 | 0.21 | 0 | 0.00 | 1 | 0.10 | 1 | 0.10 |
| SAINT AUGUSTINE'S C. NC | 5 | 0.26 | 1 | 0.05 | 1 | 0.05 | 3 | 0.16 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES
DOCTORAL PRODUCTIVITY FOR WOMEN

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAINT PAUL'S C. VA | 1 | 0.14 | 0 | 0.00 | 1 | 0.14 | 0 | 0.00 |
| SAVANNAH STATE C. GA | 5 | 0.24 | 0 | 0.00 | 4 | 0.19 | 1 | 0.05 |
| SHAW U. NC | 3 | 0.20 | 0 | 0.00 | 2 | 0.13 | 0 | 0.00 |
| SOUTH CAROLINA STATE C. | 13 | 0.39 | 1 | 0.03 | 7 | 0.21 | 5 | 0.15 |
| SOUTHERN U. & A & M LA | 26 | 0.30 | 1 | 0.01 | 16 | 0.19 | 8 | 0.09 |
| SOUTHERN U. AT NEW ORLEANS LA | 3 | 0.16 | 1 | 0.05 | 0 | 0.00 | 2 | 0.10 |
| SPELMAN C. GA | 47 | 1.66 | 9 | 0.32 | 15 | 0.53 | 19 | 0.67 |
| STILLMAN C. AL | 4 | 0.38 | 0 | 0.00 | 2 | 0.19 | 2 | 0.19 |
| TALLADEGA C. AL | 5 | 0.58 | 1 | 0.12 | 2 | 0.23 | 2 | 0.23 |
| TENNESSEE STATE U. | 24 | 0.54 | 1 | 0.02 | 13 | 0.29 | 9 | 0.20 |
| TEXAS C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TEXAS SOUTHERN U. | 8 | 0.19 | 0 | 0.00 | 2 | 0.05 | 4 | 0.10 |
| TOUGALOO C. MS | 11 | 0.94 | 0 | 0.00 | 6 | 0.52 | 5 | 0.43 |
| TUSKEGEE INSTITUTE AL | 28 | 0.78 | 2 | 0.06 | 14 | 0.39 | 10 | 0.28 |
| VIRGINIA STATE U. | 27 | 0.67 | 1 | 0.02 | 15 | 0.37 | 10 | 0.25 |
| VIRGINIA UNION U. | 3 | 0.20 | 1 | 0.07 | 2 | 0.14 | 0 | 0.00 |
| VOORHEES C. SC | 1 | 0.08 | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 |
| WEST VIRGINIA STATE C. | 5 | 0.22 | 0 | 0.00 | 4 | 0.18 | 1 | 0.04 |
| WILBERFORCE U. OH | 4 | 0.37 | 0 | 0.00 | 1 | 0.09 | 3 | 0.28 |
| WILEY C. TX | 1 | 0.15 | 0 | 0.00 | 1 | 0.15 | 0 | 0.00 |
| WINSTON-SALEM STATE U. NC | 6 | 0.24 | 0 | 0.00 | 2 | 0.08 | 3 | 0.12 |
| XAVIER U. OF LOUISIANA | 6 | 0.29 | 0 | 0.00 | 1 | 0.05 | 5 | 0.24 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| ALABAMA A & M U. | 0 | 0.00 | 0 | 0.00 | 2 | 0.06 | 0 | 0.00 |
| ALABAMA STATE U. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3 | 0.07 |
| ALBANY STATE C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |
| ALCORN STATE U. MS | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| ALLEN U. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| U. OF ARKANSAS AT PINE BLUFF | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.03 |
| ARKANSAS BAPTIST C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BARBER-SCOTIA C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.16 | 0 | 0.00 |
| BENEDICT C. SC | 0 | 0.00 | 1 | 0.04 | 1 | 0.04 | 0 | 0.00 |
| BENNETT C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 | 1 | 0.07 |
| BETHUNE-COOKMAN C. FL | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 0 | 0.00 |
| BISHOP C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BLUEFIELD STATE C. WV | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BOWIE STATE C. MD | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 | 1 | 0.06 |
| CENTRAL STATE U. OH | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 | 2 | 0.08 |
| CHEYNEY U. OF PENNSYLVANIA | 0 | 0.00 | 0 | 0.00 | 3 | 0.13 | 2 | 0.08 |
| CLAFLIN C. SC | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 |
| CLARK C. GA | 0 | 0.00 | 0 | 0.00 | 3 | 0.15 | 1 | 0.05 |
| COPPIN STATE C. MD | 0 | 0.00 | 0 | 0.00 | 2 | 0.09 | 0 | 0.00 |
| DELAWARE STATE C. | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 | 2 | 0.12 |
| DILLARD U. LA | 0 | 0.00 | 0 | 0.00 | 4 | 0.24 | 3 | 0.18 |
| U. OF DISTRICT OF COLUMBIA | 0 | 0.00 | 1 | 0.02 | 3 | 0.07 | 2 | 0.05 |



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HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| EDWARD WATERS C. FL | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| ELIZABETH CITY STATE U. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 |
| FAYETTEVILLE STATE U. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 | 3 | 0.12 |
| FISK U. TN | 0 | 0.00 | 0 | 0.00 | 3 | 0.16 | 17 | 0.92 |
| FLORIDA AGRICULTURAL & MECHANICAL U. | 0 | 0.00 | 1 | 0.02 | 1 | 0.02 | 2 | 0.04 |
| FLORIDA MEMORIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| FORT VALLEY STATE C. GA | 0 | 0.00 | 0 | 0.00 | 2 | 0.10 | 3 | 0.15 |
| GRAMBLING STATE U. LA | 0 | 0.00 | 0 | 0.00 | 2 | 0.05 | 1 | 0.02 |
| HAMPION U. VA | 1 | 0.03 | 0 | 0.00 | 6 | 0.16 | 13 | 0.34 |
| HARRIS-STOWE STATE C. MO | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| HOWARD U. DC | 1 | 0.01 | 5 | 0.07 | 18 | 0.26 | 27 | 0.39 |
| HUSTON-TILLOTSON C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JACKSON STATE U. MS | 0 | 0.00 | 1 | 0.02 | 2 | 0.04 | 5 | 0.09 |
| JARVIS CHRISTIAN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JOHNSON C. SMITH U. NC | 0 | 0.00 | 0 | 0.00 | 2 | 0.13 | 1 | 0.07 |
| KENTUCKY STATE U. | 0 | 0.00 | 0 | 0.00 | 1 | 0.10 | 0 | 0.00 |
| KNOXVILLE C. TN | 0 | 0.00 | 0 | 0.00 | 3 | 0.31 | 1 | 0.10 |
| LANE C. TN | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| LANGSTON U. OK | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 |
| LEMOYNE-OWEN C. TN | 0 | 0.00 | 0 | 0.00 | 2 | 0.18 | 0 | 0.00 |
| LINCOLN U. MO | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 |
| LINCOLN U. PA | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 8 | 0.76 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCIORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| LIVINGSTONE C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.10 | 0 | 0.00 |
| U. OF MARYLAND EASTERN SHORE | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.14 |
| MILES C. AL | 0 | 0.00 | 0 | 0.00 | 2 | 0.15 | 0 | 0.00 |
| MISSISSIPPI INDUSTRIAL C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MISSISSIPPI VALLEY STATE U. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MOREHOUSE C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MORGAN STATE U. MD | 0 | 0.00 | 1 | 0.02 | 2 | 0.04 | 8 | 0.17 |
| MORRIS BROWN C. GA | 0 | 0.00 | 0 | 0.00 | 1 | 0.06 | 2 | 0.12 |
| MORRIS C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NORFOLK STATE U. VA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3 | 0.07 |
| NORTH CAROLINA A & T STATE U. NC | 0 | 0.00 | 1 | 0.02 | 4 | 0.10 | 9 | 0.22 |
| NORTH CAROLINA CENTRAL U. | 0 | 0.00 | 0 | 0.00 | 3 | 0.06 | 4 | 0.08 |
| OAKWOOD C. AL | 0 | 0.00 | 0 | 0.00 | 1 | 0.12 | 1 | 0.12 |
| PAINE C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| PAUL QUINN C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| PHILANDER SMITH C. AR | 0 | 0.00 | 0 | 0.00 | 1 | 0.12 | 0 | 0.00 |
| PRAIRIE VIEW A. & M. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.03 |
| RUST C. MS | 0 | 0.00 | 0 | 0.00 | 1 | 0.10 | 0 | 0.00 |
| SAINT AUGUSTINE'S C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 2 | 0.11 |
| SAINT PAUL'S C. VA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |

HISTORICALLY BLACK INSTITUTIONS
1970-1986 DOCTORATES IN SCIENCE AWARDED TO WOMEN

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAVANNAH STATE C. GA | 0 | 0.00 | 0 | 0.00 | 1 | 0.05 | 0 | 0.00 |
| SHAW U. NC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SOUTH CAROLINA STATE C. | 0 | 0.00 | 0 | 0.00 | 4 | 0.12 | 1 | 0.03 |
| SOUTHERN U. & A & M LA | 0 | 0.00 | 1 | 0.01 | 2 | 0.02 | 5 | 0.06 |
| SOUTHERN U. AT NEW ORLEANS LA | 0 | 0.00 | 1 | 0.05 | 1 | 0.05 | 0 | 0.00 |
| SPELMAN C. GA | 1 | 0.04 | 1 | 0.04 | 4 | 0.14 | 13 | 0.46 |
| STILLMAN C. AL | 1 | 0.10 | 0 | 0.00 | 1 | 0.10 | 0 | 0.00 |
| TALLADEGA C. AL | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 2 | 0.23 |
| TENNESSEE STATE U. | 0 | 0.00 | 0 | 0.00 | 4 | 0.09 | 5 | 0.11 |
| TEXAS C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TEXAS SOUTHERN U. | 0 | 0.00 | 2 | 0.05 | 2 | 0.05 | 0 | 0.00 |
| TOUGALOO C. MS | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 | 4 | 0.34 |
| TUSKEGEE INSTITUTE AL | 0 | 0.00 | 1 | 0.03 | 7 | 0.19 | 2 | 0.06 |
| VIRGINIA STATE U. | 1 | 0.02 | 0 | 0.00 | 2 | 0.05 | 7 | 0.17 |
| VIRGINIA UNION U. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| VOORHEES C. SC | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 |
| WEST VIRGINIA STATE C. | 1 | 0.04 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WILBERFORCE U. OH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3 | 0.28 |
| WILEY C. TX | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WINSTON-SALEM STATE U. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 | 2 | 0.08 |
| XAVIER U. OF LOUISIANA | 1 | 0.05 | 0 | 0.00 | 3 | 0.14 | 1 | 0.05 |



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WOMEN'S COLLEGES
(STATUS AS OF 1976)
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| AGNES SCOTT C. GA | 39 | 2.38 | 12 | 0.73 | 6 | 0.37 | 19 | 1.16 |
| ALBERTUS MAGNUS C. CT | 25 | 1.83 | 3 | 0.22 | 6 | 0.44 | 15 | 1.10 |
| ALVERNO C. WI | 14 | 0.61 | 2 | 0.09 | 7 | 0.30 | 5 | 0.22 |
| BARAT C. IL | 15 | 0.82 | 0 | 0.00 | 1 | 0.05 | 13 | 0.71 |
| BARNARD C. NY | 336 | 5.21 | 95 | 1.47 | 15 | 0.23 | 218 | 3.38 |
| BENNETT C. NC | 11 | 0.78 | 3 | 0.21 | 5 | 0.35 | 2 | 0.14 |
| BLUE MOUNTAIN C. MS | 2 | 0.26 | 0 | 0.00 | 2 | 0.26 | 0 | 0.00 |
| BRENAU C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BRYN MAWR C. PA | 199 | 7.36 | 86 | 3.18 | 4 | 0.15 | 107 | 3.96 |
| CALDWELL C. NJ | 7 | 0.45 | 2 | 0.13 | 2 | 0.13 | 3 | 0.19 |
| CARLOW C. PA | 19 | 0.82 | 2 | 0.09 | 10 | 0.43 | 6 | 0.26 |
| CEDAR CREST C. PA | 6 | 0.27 | 1 | 0.05 | 2 | 0.09 | 3 | 0.14 |
| CENTENARY C. NJ | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CHATHAM C. PA | 37 | 2.26 | 4 | 0.24 | 10 | 0.61 | 21 | 1.28 |
| CHESTNUT HILL C. PA | 32 | 1.26 | 5 | 0.20 | 3 | 0.12 | 23 | 0.90 |
| CLARKE C. IA | 12 | 0.77 | 4 | 0.26 | 3 | 0.19 | 4 | 0.26 |
| COLBY-SAWYER C. NH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| COLLEGE MISERICORDIA PA | 14 | 0.55 | 0 | 0.00 | 9 | 0.35 | 4 | 0.16 |
| COLUMBIA C. SC | 5 | 0.21 | 1 | 0.04 | 4 | 0.17 | 0 | 0.00 |
| CONVERSE C. SC | 11 | 0.54 | 4 | 0.20 | 1 | 0.05 | 6 | 0.30 |
| C. OF OUR LADY OF THE ELMS MA | 2 | 0.13 | 1 | 0.07 | 1 | 0.07 | 0 | 0.00 |

WOMEN'S COLLEGES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| EMMANUEL C. MA | 54 | 1.58 | 6 | 0.18 | 13 | 0.38 | 34 | 1.00 |
| FELICIAN C. NJ | 3 | 0.54 | 0 | 0.00 | 3 | 0.54 | 0 | 0.00 |
| GEORGIAN COURT C. NJ | 12 | 0.53 | 1 | 0.04 | 4 | 0.18 | 7 | 0.31 |
| GOUCHER C. MD | 94 | 3.28 | 18 | 0.63 | 7 | 0.24 | 66 | 2.30 |
| HOLLINS C. VA | 44 | 1.60 | 7 | 0.25 | 5 | 0.18 | 31 | 1.13 |
| HOOD C. MD | 23 | 0.95 | 1 | 0.04 | 5 | 0.21 | 16 | 0.66 |
| IMMACULATA C. PA | 13 | 0.47 | 1 | 0.04 | 5 | 0.18 | 7 | 0.25 |
| JUDSON C. AL | 2 | 0.20 | 1 | 0.10 | 1 | 0.10 | 0 | 0.00 |
| KEUKA C. NY | 8 | 0.46 | 2 | 0.12 | 3 | 0.17 | 3 | 0.17 |
| LAKE ERIE C. OH | 16 | 0.96 | 5 | 0.30 | 2 | 0.12 | 7 | 0.42 |
| LESLEY C. MA | 7 | 0.29 | 0 | 0.00 | 7 | 0.29 | 0 | 0.00 |
| MARY BALDWIN C. VA | 17 | 0.86 | 4 | 0.20 | 1 | 0.05 | 9 | 0.46 |
| MARYMOUNT C. NY | 29 | 0.95 | 3 | 0.10 | 5 | 0.16 | 19 | 0.62 |
| MARYMOUNT C. OF VIRGINIA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MARYMOUNT MANHATTAN C. NY | 26 | 0.75 | 2 | 0.06 | 7 | 0.20 | 15 | 0.43 |
| MARYWOOD C. PA | 31 | 0.75 | 2 | 0.05 | 9 | 0.22 | 18 | 0.43 |
| MEREDITH C. NC | 26 | 0.72 | 7 | 0.19 | 4 | 0.11 | 14 | 0.39 |
| MILLS C. CA | 47 | 1.81 | 9 | 0.35 | 2 | 0.08 | 34 | 1.31 |
| MISSISSIPPI U. FOR WOMEN | 54 | 1.01 | 4 | 0.08 | 28 | 0.53 | 18 | 0.34 |
| MOLLOY C. NY | 19 | 0.58 | 4 | 0.12 | 6 | 0.18 | 7 | 0.21 |
| MOORE C. OF ART PA | 1 | 0.07 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| MOUNT HOLYOKE C. MA | 274 | 4.45 | 64 | 1.04 | 22 | 0.36 | 183 | 2.97 |


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WOMEN'S COLLEGES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| MOUNT MARY C. WI | 5 | 0.21 | 1 | 0.04 | 2 | 0.08 | 1 | 0.04 |
| C. OF MOUNT ST. JOSEPH-ON-THE-OHIO | 16 | 0.67 | 2 | 0.08 | 3 | 0.13 | 9 | 0.38 |
| MOUNT ST. MARY'S C. CA | 7 | 0.37 | 0 | 0.00 | 3 | 0.16 | 4 | 0.21 |
| MOUNT VERNON C. DC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MUNDELEIN C. IL | 20 | 0.64 | 3 | 0.10 | 6 | 0.19 | 8 | 0.26 |
| NEUMANN C. PA | 3 | 0.29 | 0 | 0.00 | 2 | 0.19 | 1 | 0.10 |
| C. OF NOTRE DAME OF MARYLAND | 24 | 1.16 | 2 | 0.10 | 6 | 0.29 | 16 | 0.77 |
| NOTRE DAME C. NH | 5 | 0.48 | 0 | 0.00 | 4 | 0.38 | 0 | 0.00 |
| NOTRE DAME C. OH | 9 | 0.82 | 0 | 0.00 | 0 | 0.00 | 9 | 0.82 |
| PINE MANOR C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| QUEENS C. NC | 15 | 1.19 | 4 | 0.32 | 4 | 0.32 | 7 | 0.56 |
| RANDOLPH-MACON WOMAN'S C. | 50 | 2.41 | 9 | 0.43 | 7 | 0.34 | 34 | 1.64 VA |
| REGIS C. MA | 27 | 1.13 | 4 | 0.17 | 4 | 0.17 | 19 | 0.80 |
| RIVIER C. NH | 3 | 0.20 | 1 | 0.07 | 0 | 0.00 | 2 | 0.13 |
| ROSEMONT C. PA | 19 | 1.13 | 4 | 0.24 | 3 | 0.18 | 12 | 0.72 |
| RUSSELL SAGE C. NY | 26 | 0.53 | 4 | 0.08 | 7 | 0.14 | 14 | 0.29 |
| C. OF SAINT BENEDICT MN | 9 | 0.29 | 0 | 0.00 | 0 | 0.00 | 8 | 0.26 |
| C. OF SAINT CATHERINE MN | 21 | 0.45 | 3 | 0.06 | 3 | 0.06 | 14 | 0.30 |
| C. OF SAINT ELIZABETH NJ | 7 | 0.38 | 1 | 0.05 | 0 | 0.00 | 6 | 0.32 |
| SAINT JOSEPH C. CT | 7 | 0.36 | 0 | 0.00 | 3 | 0.15 | 4 | 0.20 |
| SAINT MARY C. KS | 8 | 0.63 | 0 | 0.00 | 3 | 0.24 | 3 | 0.24 |

WOMEN'S COLLEGES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| C. OF SAINT MARY NE | 5 | 0.62 | 0 | 0.00 | 0 | 0.00 | 5 | 0.62 |
| SAINT MARY'S C. IN | 45 | 0.97 | 10 | 0.22 | 9 | 0.19 | 26 | 0.56 |
| SAINT MARY-OF-THE-WOODS IN | 8 | 0.55 | 2 | 0.14 | 3 | 0.20 | 3 | 0.20 C. |
| SAINT MARY'S DOMINICAN C. | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 LA |
| C. OF SAINT TERESA MN | 13 | 0.49 | 1 | 0.04 | 5 | 0.19 | 7 | 0.26 |
| SALEM C. NC | 17 | 1.20 | 6 | 0.42 | 2 | 0.14 | 8 | 0.57 |
| SCRIPPS C. CA | 35 | 2.38 | 15 | 1.02 | 6 | 0.41 | 13 | 0.88 |
| SETON HILL C. PA | 26 | 1.15 | 3 | 0.13 | 8 | 0.35 | 13 | 0.58 |
| SIMMONS C. MA | 96 | 1.95 | 13 | 0.26 | 15 | 0.30 | 59 | 1.20 |
| SMITH C. MA | 337 | 4.22 | 95 | 1.19 | 17 | 0.21 | 219 | 2.74 |
| SPELMAN C. GA | 47 | 1.66 | 9 | 0.32 | 15 | 0.53 | 19 | 0.67 |
| STEPHENS C. MO | 31 | 0.68 | 7 | 0.15 | 3 | 0.07 | 19 | 0.42 |
| SWEET BRIAR C. VA | 21 | 1.12 | 7 | 0.37 | 2 | 0.11 | 11 | 0.59 |
| TEXAS WOMAN'S U. | 65 | 0.54 | 1 | 0.01 | 32 | 0.27 | 29 | 0.24 |
| TIFT C. GA | 4 | 0.29 | 1 | 0.07 | 2 | 0.15 | 0 | 0.00 |
| TRINITY C. DC | 33 | 1.94 | 10 | 0.59 | 6 | 0.35 | 15 | 0.88 |
| TRINITY C. VT | 3 | 0.23 | 1 | 0.08 | 1 | 0.08 | 1 | 0.08 |
| URSULINE C. OH | 3 | 0.20 | 2 | 0.13 | 0 | 0.00 | 1 | 0.07 |
| VILLA MARIA C. PA | 8 | 0.50 | 0 | 0.00 | 4 | 0.25 | 4 | 0.25 |
| WELLESLEY C. MA | 326 | 5.21 | 96 | 1.53 | 17 | 0.27 | 203 | 3.25 |
| WELLS C. NY | 40 | 2.57 | 11 | 0.71 | 1 | 0.06 | 28 | 1.80 |

WOMEN'S COLLEGES
1970-1986 DOCTORATES AWARDED TO 1970-1982 GRADUATES

| | ALL FIELDS TOTAL | ALL FIELDS RATIO | HUMANITIES TOTAL | HUMANITIES RATIO | EDUCATION TOTAL | EDUCATION RATIO | ALL SCIENCE TOTAL | ALL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| WESLEYAN C. GA | 6 | 0.46 | 2 | 0.15 | 2 | 0.15 | 1 | 0.08 |
| WHEATON C. MA | 64 | 1.82 | 14 | 0.40 | 12 | 0.34 | 36 | 1.02 |
| WILLIAM WOODS C. MO | 4 | 0.19 | 1 | 0.05 | 3 | 0.14 | 0 | 0.00 |
| WILSON C. PA | 28 | 2.68 | 7 | 0.67 | 3 | 0.29 | 18 | 1.72 |

WOMEN'S COLLEGES
(SIAIUS AS OF 1976)
1970-1986 DOCIORAIES IN SCIENCE AWARDED IO 1970-1982 GRADUAIES

| INSIIIUIION | ENGINEERING IOIAL | ENGINEERING RAIIO | MAIH-PHYSICAL SCIENCE IOIAL | MAIH-PHYSICAL SCIENCE RAIIO | LIFE SCIENCE IOIAL | LIFE SCIENCE RAIIO | SOCIAL SCIENCE IOIAL | SOCIAL SCIENCE RAIIO |
|---|---|---|---|---|---|---|---|---|
| AGNES SCOII C. GA | 0 | 0.00 | 4 | 0.24 | 7 | 0.43 | 8 | 0.49 |
| ALBERIUS MAGNUS C. CI | 0 | 0.00 | 5 | 0.37 | 5 | 0.37 | 5 | 0.37 |
| ALVERNO C. WI | 0 | 0.00 | 0 | 0.00 | 4 | 0.17 | 1 | 0.04 |
| BARAI C. IL | 0 | 0.00 | 3 | 0.16 | 2 | 0.11 | 8 | 0.44 |
| BARNARD C. NY | 2 | 0.03 | 19 | 0.29 | 59 | 0.91 | 138 | 2.14 |
| BENNEII C. NC | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 | 1 | 0.07 |
| BLUE MOUNIAIN C. MS | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BRENAU C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| BRYN MAWR C. PA | 4 | 0.15 | 25 | 0.92 | 33 | 1.22 | 45 | 1.66 |
| CALDWELL C. NJ | 0 | 0.00 | 0 | 0.00 | 2 | 0.13 | 1 | 0.06 |
| CARLOW C. PA | 0 | 0.00 | 0 | 0.00 | 4 | 0.17 | 2 | 0.09 |
| CEDAR CRESI C. PA | 1 | 0.05 | 0 | 0.00 | 2 | 0.09 | 0 | 0.00 |
| CENIENARY C. NJ | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CHAIHAM C. PA | 1 | 0.06 | 5 | 0.31 | 3 | 0.18 | 12 | 0.73 |
| CHESINUI HILL C. PA | 0 | 0.00 | 8 | 0.31 | 8 | 0.31 | 7 | 0.28 |
| CLARKE C. IA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 4 | 0.26 |
| COLBY-SAWYER C. NH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| COLLEGE MISERICORDIA PA | 0 | 0.00 | 1 | 0.04 | 1 | 0.04 | 2 | 0.08 |
| COLUMBIA C. SC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CONVERSE C. SC | 0 | 0.00 | 1 | 0.05 | 1 | 0.05 | 4 | 0.20 |
| C. OF OUR LADY OF IHE ELMS MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| EMMANUEL C. MA | 0 | 0.00 | 3 | 0.09 | 12 | 0.35 | 19 | 0.56 |
| FELICIAN C. NJ | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |

WOMEN'S COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| GEORGIAN COURT C. NJ | 0 | 0.00 | 1 | 0.04 | 4 | 0.18 | 2 | 0.09 |
| GOUCHER C. MD | 1 | 0.03 | 5 | 0.17 | 27 | 0.94 | 33 | 1.15 |
| HOLLINS C. VA | 0 | 0.00 | 3 | 0.11 | 11 | 0.40 | 17 | 0.62 |
| HOOD C. MD | 0 | 0.00 | 2 | 0.08 | 9 | 0.37 | 5 | 0.21 |
| IMMACULATA C. PA | 0 | 0.00 | 2 | 0.07 | 1 | 0.04 | 4 | 0.15 |
| JUDSON C. AL | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| KEUKA C. NY | 0 | 0.00 | 0 | 0.00 | 2 | 0.12 | 1 | 0.06 |
| LAKE ERIE C. OH | 0 | 0.00 | 0 | 0.00 | 3 | 0.18 | 4 | 0.24 |
| LESLEY C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MARY BALDWIN C. VA | 0 | 0.00 | 1 | 0.05 | 4 | 0.20 | 4 | 0.20 |
| MARYMOUNT C. NY | 0 | 0.00 | 3 | 0.10 | 6 | 0.20 | 10 | 0.33 |
| MARYMOUNT C. OF VIRGINIA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MARYMOUNT MANHATTAN C. NY | 0 | 0.00 | 1 | 0.03 | 4 | 0.12 | 10 | 0.29 |
| MARYWOOD C. PA | 0 | 0.00 | 2 | 0.05 | 9 | 0.22 | 7 | 0.17 |
| MEREDITH C. NC | 1 | 0.03 | 2 | 0.06 | 7 | 0.19 | 4 | 0.11 |
| MILLS C. CA | 1 | 0.04 | 2 | 0.08 | 8 | 0.31 | 23 | 0.88 |
| MISSISSIPPI U. FOR WOMEN | 0 | 0.00 | 4 | 0.08 | 9 | 0.17 | 5 | 0.09 |
| MOLLOY C. NY | 0 | 0.00 | 0 | 0.00 | 5 | 0.15 | 2 | 0.06 |
| MOORE C. OF ART PA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| MOUNT HOLYOKE C. MA | 4 | 0.06 | 34 | 0.55 | 68 | 1.10 | 77 | 1.25 |
| MOUNT MARY C. WI | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.04 |
| C. OF MOUNT ST. JOSEPH-ON-THE-OHIO | 0 | 0.00 | 2 | 0.08 | 5 | 0.21 | 2 | 0.08 |

WOMEN'S COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| MOUNT ST. MARY'S C. CA | 0 | 0.00 | 1 | 0.05 | 2 | 0.11 | 1 | 0.05 |
| MOUNT VERNON C. DC | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MUNDELEIN C. IL | 0 | 0.00 | 2 | 0.06 | 1 | 0.03 | 5 | 0.16 |
| NEUMANN C. PA | 0 | 0.00 | 0 | 0.00 | 1 | 0.10 | 0 | 0.00 |
| C. OF NOTRE DAME OF MARYLAND | 1 | 0.05 | 3 | 0.14 | 7 | 0.34 | 5 | 0.24 |
| NOTRE DAME C. NH | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NOTRE DAME C. OH | 1 | 0.09 | 4 | 0.36 | 4 | 0.36 | 0 | 0.00 |
| PINE MANOR C. MA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| QUEENS C. NC | 0 | 0.00 | 1 | 0.08 | 5 | 0.40 | 1 | 0.08 |
| RANDOLPH-MACON WOMAN'S C. VA | 0 | 0.00 | 5 | 0.24 | 18 | 0.87 | 11 | 0.53 |
| REGIS C. MA | 0 | 0.00 | 1 | 0.04 | 7 | 0.29 | 11 | 0.46 |
| RIVIER C. NH | 0 | 0.00 | 0 | 0.00 | 2 | 0.13 | 0 | 0.00 |
| ROSEMONT C. PA | 0 | 0.00 | 4 | 0.24 | 3 | 0.18 | 5 | 0.30 |
| RUSSELL SAGE C. NY | 0 | 0.00 | 4 | 0.08 | 7 | 0.14 | 3 | 0.06 |
| C. OF SAINT BENEDICT MN | 0 | 0.00 | 2 | 0.06 | 5 | 0.16 | 1 | 0.03 |
| C. OF SAINT CATHERINE MN | 1 | 0.02 | 5 | 0.11 | 1 | 0.02 | 7 | 0.15 |
| C. OF SAINT ELIZABETH NJ | 0 | 0.00 | 3 | 0.16 | 2 | 0.11 | 1 | 0.05 |
| SAINT JOSEPH C. CT | 0 | 0.00 | 2 | 0.10 | 2 | 0.10 | 0 | 0.00 |
| SAINT MARY C. KS | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 | 2 | 0.16 |
| C. OF SAINT MARY NE | 0 | 0.00 | 1 | 0.12 | 1 | 0.12 | 3 | 0.37 |
| SAINT MARY'S C. IN | 0 | 0.00 | 5 | 0.11 | 11 | 0.24 | 10 | 0.22 |
| SAINT MARY-OF-THE-WOODS C. IN | 0 | 0.00 | 2 | 0.14 | 0 | 0.00 | 1 | 0.07 |

WOMEN'S COLLEGES
1970-1986 DOCTORATES IN SCIENCE AWARDED TO 1970-1982 GRADUATES

| INSTITUTION | ENGINEERING TOTAL | ENGINEERING RATIO | MATH-PHYSICAL SCIENCE TOTAL | MATH-PHYSICAL SCIENCE RATIO | LIFE SCIENCE TOTAL | LIFE SCIENCE RATIO | SOCIAL SCIENCE TOTAL | SOCIAL SCIENCE RATIO |
|---|---|---|---|---|---|---|---|---|
| SAINT MARY'S DOMINICAN C. LA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| C. OF SAINT TERESA MN | 1 | 0.04 | 1 | 0.04 | 4 | 0.15 | 1 | 0.04 |
| SALEM C. NC | 0 | 0.00 | 2 | 0.14 | 2 | 0.14 | 4 | 0.28 |
| SCRIPPS C. CA | 0 | 0.00 | 1 | 0.07 | 1 | 0.07 | 11 | 0.75 |
| SEION HILL C. PA | 0 | 0.00 | 1 | 0.04 | 6 | 0.27 | 6 | 0.27 |
| SIMMONS C. MA | 0 | 0.00 | 6 | 0.12 | 23 | 0.47 | 30 | 0.61 |
| SMITH C. MA | 0 | 0.00 | 31 | 0.39 | 93 | 1.16 | 95 | 1.19 |
| SPELMAN C. GA | 1 | 0.04 | 1 | 0.04 | 4 | 0.14 | 13 | 0.46 |
| STEPHENS C. MO | 0 | 0.00 | 2 | 0.04 | 4 | 0.09 | 13 | 0.29 |
| SWEET BRIAR C. VA | 3 | 0.16 | 0 | 0.00 | 4 | 0.21 | 4 | 0.21 |
| TEXAS WOMAN'S U. | 2 | 0.02 | 2 | 0.02 | 18 | 0.15 | 7 | 0.06 |
| TIFT C. GA | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TRINITY C. DC | 0 | 0.00 | 2 | 0.12 | 3 | 0.18 | 10 | 0.59 |
| TRINITY C. VT | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 |
| URSULINE C. OH | 0 | 0.00 | 1 | 0.07 | 0 | 0.00 | 0 | 0.00 |
| VILLA MARIA C. PA | 0 | 0.00 | 0 | 0.00 | 3 | 0.19 | 1 | 0.06 |
| WELLESLEY C. MA | 1 | 0.02 | 28 | 0.45 | 62 | 0.99 | 112 | 1.79 |
| WELLS C. NY | 2 | 0.13 | 5 | 0.32 | 12 | 0.77 | 9 | 0.58 |
| WESLEYAN C. GA | 0 | 0.00 | 0 | 0.00 | 1 | 0.08 | 0 | 0.00 |
| WHEATON C. MA | 0 | 0.00 | 5 | 0.14 | 14 | 0.40 | 17 | 0.48 |
| WILLIAM WOODS C. MO | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| WILSON C. PA | 0 | 0.00 | 0 | 0.00 | 10 | 0.96 | 8 | 0.77 |

WOMEN'S COLLEGES
(STATUS AS OF 1976)
INDEX

| INSTITUTION | LIST | AVERAGE BACHELOR'S DEGREES 1970-1982 |
|---|---|---|
| AGNES SCOTT C. GA | WOMEN RATIOS: HUM,ED | 126.31 |
| ALBERTUS MAGNUS C. CT | WOMEN RATIOS: ED | 105.31 |
| ALVERNO C. WI | | 177.00 |
| BARAT C. IL | | 140.38 |
| BARNARD C. NY | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM | 496.31<br>496.31 |
| BENNETT C. NC | | 108.69 |
| BLUE MOUNTAIN C. MS | | 59.62 |
| BRENAU C. GA | | 104.46 |
| BRYN MAWR C. PA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,SCI,HUM | 208.00<br>208.00 |
| CALDWELL C. NJ | | 119.00 |
| CARLOW C. PA | WOMEN RATIOS: ED | 178.54 |
| CEDAR CREST C. PA | | 168.15 |
| CENTENARY C. NJ | | 27.77 |
| CHATHAM C. PA | WOMEN RATIOS: ED | 126.00 |
| CHESTNUT HILL C. PA | WOMEN RATIOS: MAP | 195.62 |
| CLARKE C. IA | | 119.31 |
| COLBY-SAWYER C. NH | | 39.31 |
| COLLEGE MISERICORDIA PA | | 195.31 |
| COLUMBIA C. SC | | 184.92 |
| CONVERSE C. SC | | 155.92 |
| C. OF OUR LADY OF THE ELMS MA | | 115.85 |
| EMMANUEL C. MA | WOMEN RATIOS: ED | 262.08 |
| FELICIAN C. NJ | | 42.54 |

WOMEN'S COLLEGES

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| INSTITUTION | LIST | AVERAGE BACHELOR'S DEGREES 1970-1982 |
|---|---|---|
| GEORGIAN COURT C. NJ | | 173.31 |
| GOUCHER C. MD | WOMEN RATIOS: ALL,LIF,SOC,SCI,HUM | 220.38 |
| HOLLINS C. VA | | 211.46 |
| HOOD C. MD | | 186.38 |
| IMMACULATA C. PA | | 211.38 |
| JUDSON C. AL | | 78.31 |
| KEUKA C. NY | | 132.46 |
| LAKE ERIE C. OH | | 128.54 |
| LESLEY C. MA | | 182.62 |
| MARY BALDWIN C. VA | | 151.46 |
| MARYMOUNT C. NY | | 235.92 |
| MARYMOUNT C. OF VIRGINIA | | 91.88 |
| MARYMOUNT MANHATTAN C. NY | | 265.46 |
| MARYWOOD C. PA | | 318.62 |
| MEREDITH C. NC | | 276.77 |
| MILLS C. CA | WOMEN RATIOS: SOC | 200.15 |
| MISSISSIPPI U. FOR WOMEN | WOMEN RATIOS: ED | 409.62 |
| MOLLOY C. NY | | 253.54 |
| MOORE C. OF ART PA | | 109.62 |
| MOUNT HOLYOKE C. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,ENG,MAP,LIF,SOC,SCI,HUM | 473.77<br>473.77 |
| MOUNT MARY C. WI | | 187.31 |
| C. OF MOUNT ST. JOSEPH-ON-THE-OHIO | | 183.00 |
| MOUNT ST. MARY'S C. CA | | 144.38 |

WOMEN'S COLLEGES

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| INSTITUTION | LIST | WOMEN AVERAGE BACHELOR'S DEGREES 1970-1982 |
|---|---|---|
| MOUNT VERNON C. DC | | 62.56 |
| MUNDELEIN C. IL | | 241.08 |
| NEUMANN C. PA | | 79.54 |
| C. OF NOTRE DAME OF MARYLAND | | 159.62 |
| NOTRE DAME C. NH | | 80.92 |
| NOTRE DAME C. OH | | 84.69 |
| PINE MANOR C. MA | | 22.50 |
| QUEENS C. NC | | 96.92 |
| RANDOLPH-MACON WOMAN'S C. VA | WOMEN RATIOS: LIF | 159.69 |
| REGIS C. MA | | 183.77 |
| RIVIER C. NH | | 115.38 |
| ROSEMONT C. PA | | 128.85 |
| RUSSELL SAGE C. NY | | 374.38 |
| C. OF SAINT BENEDICT MN | | 240.54 |
| C. OF SAINT CATHERINE MN | | 355.92 |
| C. OF SAINT ELIZABETH NJ | | 142.38 |
| SAINT JOSEPH C. CT | | 151.46 |
| SAINT MARY C. KS | | 98.15 |
| C. OF SAINT MARY NE | | 62.38 |
| SAINT MARY'S C. IN | | 356.31 |
| SAINT MARY-OF-THE-WOODS C. IN | | 112.69 |
| SAINT MARY'S DOMINICAN C. LA | | 97.31 |
| C. OF SAINT TERESA MN | | 203.77 |

WOMEN'S COLLEGES

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| INSTITUTION | LIST | WOMEN AVERAGE BACHELOR'S DEGREES 1970-1982 |
|---|---|---|
| SALEM C. NC | | 108.85 |
| SCRIPPS C. CA | WOMEN RATIOS: HUM,ED | 113.15 |
| SETON HILL C. PA | | 173.46 |
| SIMMONS C. MA | | 379.54 |
| SMITH C. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM | 614.31<br>614.31 |
| SPELMAN C. GA | WOMEN RATIOS: ED | 217.85 |
| STEPHENS C. MO | | 350.38 |
| SWEET BRIAR C. VA | WOMEN TOTALS: ENG | 143.77 |
| TEXAS WOMAN'S U. | | 920.62 |
| TIFT C. GA | | 105.92 |
| TRINITY C. DC | WOMEN RATIOS: HUM | 130.85 |
| TRINITY C. VT | | 101.08 |
| URSULINE C. OH | | 116.62 |
| VILLA MARIA C. PA | | 122.38 |
| WELLESLEY C. MA | WOMEN RATIOS: ALL,MAP,LIF,SOC,SCI,HUM<br>WOMEN TOTALS: ALL,MAP,LIF,SOC,SCI,HUM | 481.15<br>481.15 |
| WELLS C. NY | WOMEN RATIOS: ALL,LIF,SCI,HUM | 119.85 |
| WESLEYAN C. GA | | 99.69 |
| WHEATON C. MA | | 270.38 |
| WILLIAM WOODS C. MO | | 161.46 |
| WILSON C. PA | WOMEN RATIOS: ALL,LIF,SCI,HUM | 80.38 |